

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF WEST VIRGINIA  
AT CHARLESTON

	x	
	:	
THE CITY OF HUNTINGTON,	:	Civil Action
	:	
Plaintiff,	:	No. 3:17-cv-01362
	:	
v.	:	
	:	
AMERISOURCEBERGEN DRUG	:	
CORPORATION, et al.,	:	
	:	
Defendants.	:	

	x	
	:	
CABELL COUNTY COMMISSION,	:	Civil Action
	:	
Plaintiff,	:	No. 3:17-cv-01665
	:	
v.	:	
	:	
AMERISOURCEBERGEN DRUG	:	
CORPORATION, et al.,	:	
	:	
Defendants.	:	

BENCH TRIAL - VOLUME 7  
BEFORE THE HONORABLE DAVID A. FABER, SENIOR STATUS JUDGE  
UNITED STATES DISTRICT COURT  
IN CHARLESTON, WEST VIRGINIA

MAY 11, 2021

**APPEARANCES:**

**For the Plaintiff,  
Cabell County Commission:**

**MR. PAUL T. FARRELL, JR.**  
Farrell & Fuller, LLC  
1311 Ponc De Leon, Suite 202  
San Juan, PR 00907

**MR. ANTHONY J. MAJESTRO**  
Powell & Majestro  
Suite P-1200  
405 Capitol Street  
Charleston, WV 25301

**MR. DAVID I. ACKERMAN**  
Motley Rice  
Suite 1001  
401 9th Street NW  
Washington, DC

**MR. PETER J. MOUGEY**  
Levin Papantonio Thomas Mitchell Rafferty & Proctor  
Suite 600  
316 South Baylen Street  
Pensacola, FL 32502

**MR. MICHAEL J. FULLER, JR.**  
Farrell & Fuller  
Suite 202  
1311 Ponce De Leon  
San Juan, PR 00907

**APPEARANCES (Continued):**

**For the Plaintiff,  
Cabell County Commission:**

**MS. MILDRED CONROY**

The Lanier Law Firm  
Tower 56  
126 East 56th Street, 6th Floor  
New York, NY 1022

**MS. PEARL A. ROBERTSON**

Irpino Avin Hawkins Law Firm  
2216 Magazine Street  
New Orleans, LA 70130

**MR. MICHAEL W. WOELFEL**

Woelfel & Woelfel  
801 Eighth Street  
Huntington, WV 25701

**MR. CHARLES R. WEBB**

The Webb Law Center  
716 Lee Street East  
Charleston, WV 25301

**MS. ANNIE KOUBA**

Motley Rice  
28 Bridgeside Blvd.  
Mt. Pleasant, SC 29464

**MR. MARK P. PIFKO**

Baron & Budd  
Suite 1600  
15910 Ventura Boulevard  
Encino, CA 91436

**For the Plaintiff,  
City of Huntington:**

**MS. ANNE MCGINNESS KEARSE**

Motley Rice  
28 Bridgeside Blvd.  
Mt. Pleasant, SC 29464

**MS. LINDA J. SINGER**

Motley Rice  
Suite 1001  
401 Ninth Street NW  
Washington, DC 20004

**MS. TEMITOPE LEYIMU**

Motley Rice  
28 Bridgeside Blvd.  
Mt. Pleasant, SC 29464

**For the Defendant,  
Cardinal Health:**

**MS. ENU MAINIGI**

**MS. JENNIFER WICHT**

Williams Connolly  
725 Twelfth Street NW  
Washington, DC 20005

**MS. SUZANNE SALGADO**

725 Twelfth Street NW  
Washington, DC 20005

**MR. STEVEN R. RUBY**

Carey Douglas Kessler & Ruby  
901 Chase Tower  
707 Virginia Street, East  
Charleston, WV 25301

**APPEARANCES (Continued):**

**For the Defendant,  
Cardinal Health:**

**MS. ASHLEY W. HARDIN**

**MR. ISIA JASIEWICZ**

Williams & Connolly

25 Twelfth Street, NW

Washington, DC 20005

**APPEARANCES (Continued):**

**For the Defendant,  
McKesson:**

**MR. TIMOTHY C. HESTER**

**MR. PAUL W. SCHMIDT**

**MS. LAURA M. FLAHIVE WU**

**MR. ANDREW STANNER**

Covington & Burling

One City Center

850 Tenth Street NW

Washington, DC 20001

**MR. JEFFREY M. WAKEFIELD**

Flaherty Sensabaugh & Bonasso

P.O. Box 3843

Charleston, WV 25338-3843

**APPEARANCES (Continued):**

**For the Defendant,  
AmerisourceBergen Drug Corporation:**

**MS. SHANNON E. MCCLURE**

**MR. JOSEPH J. MAHADY**

Reed Smith  
Three Logan Square  
Suite 3100  
1717 Arch Street  
Philadelphia, PA 19103

**MS. GRETCHEN M. CALLAS**

Jackson Kelly  
P.O. Box 553  
Charleston, WV 25322

**APPEARANCES (Continued):**

**MR. ROBERT A. NICHOLAS**

Reed Smith  
Suite 3100  
Three Logan Square  
1717 Arch Street  
Philadelphia, PA 19103

**MS. ELIZABETH CAMPBELL**

1300 Morris Drive  
Chesterbrook, PA 19087

Court Reporter: Ayme Cochran, RMR, CRR  
Court Reporter: Lisa A. Cook, RPR-RMR-CRR-FCRR

Proceedings recorded by mechanical stenography;  
transcript produced by computer.

1 PROCEEDINGS had before The Honorable David A. Faber,  
2 Senior Status Judge, United States District Court, Southern  
3 District of West Virginia, in Charleston, West Virginia, on  
4 May 11, 2021, at 9:00 a.m., as follows:

5 THE COURT: Dr. McCann -- I'm sorry, Mr. Farrell?

6 MR. FARRELL: Briefly, Judge. Last night, we  
7 disclosed to the defendants the documents we may use to  
8 cross examine AmerisourceBergen, as well as the -- I forgot  
9 which word I used. We disclosed what we may use and what we  
10 most likely will use and the defendants have lodged  
11 objections to the use of those documents. And so, I just  
12 wanted to address it with the Court. We plan on calling him  
13 today and so, there probably needs to be some mechanism to  
14 resolve the objections.

15 THE COURT: Mr. Nicholas?

16 MR. NICHOLAS: Thank you, Your Honor. Yes. Last  
17 night, the plaintiffs sent over 350 documents. I called Mr.  
18 Farrell. I said, you know, what's the deal? He then sent  
19 over 138 of a subset, but the subset was 138 documents and  
20 even of that subset, he basically said these are the  
21 documents that we're starting with or that we -- you know,  
22 something like that.

23 He's right, we lodged objections. The objections we  
24 lodged were at 6:00 in the morning because we were going  
25 through all of these things. I think this is not in

1 accordance with the directive that Your Honor gave  
2 yesterday.

3 It's not consistent with the stipulation we've entered  
4 into. It's not consistent with what's been happening up  
5 until now. Up until now, this thing has been working fine.  
6 They've been sending over 20 to 30 documents that they  
7 intend to use on their direct examination.

8 There's nothing broken here. It's just Mr. Farrell  
9 doesn't want to do it or whatever. You know, for whatever  
10 reason, he doesn't want to do it with this witness because  
11 he's going to treat him as a hostile witness.

12 And, you know, I would have -- I would have stood up  
13 anyway this morning to say we would -- we would request that  
14 Mr. Farrell provide us with the documents that he is going  
15 to use in his direct examination. He has not done that yet.  
16 He's obviously not going to use 138 documents this  
17 afternoon, or tomorrow morning, or whatever it is.

18 THE COURT: Mr. Farrell, why can't you give them  
19 the documents that you know you're going to use in your  
20 direct examination?

21 MR. FARRELL: With the risk of imposing the ire of  
22 the Court, this is not a hostile witness. This isn't an  
23 adverse witness. This is the adverse party. And so, as the  
24 trajectory of this case has developed, the gotcha's continue  
25 to build based on disclosures.



1           If this witness testifies to A and I want to show him  
2       B, then if it's not on this pre-disclosed list, the  
3       defendants are going to object that I can't talk about  
4       Document B.

5           So, to be clear, the defendants -- AmerisourceBergen  
6       itself disclosed more than 20 million documents in this  
7       discovery. We've distilled it down to a core set. I'm  
8       simply trying to lay down an area of expected testimony that  
9       includes foundational documents for me to be able to rely  
10      upon.

11          Now, if -- I will literally show him, show  
12      AmerisourceBergen, the order of the first 20 documents I  
13      intend to use. What I am hesitant to do is to limit my  
14      entire examination to 20 documents if I need to build out  
15      foundation or --

16           THE COURT: Well, let's cut this short. Give them  
17      the 20 documents and then, if you need other ones, we'll  
18      deal with them when they come up in the context that they  
19      come up. And that's the best I can do.

20          I don't want to totally cut you off, but we've got to  
21      do something. We've got to do something reasonable here and  
22      there might be a little gamesmanship going on here, I don't  
23      know, but give them the 20 and we'll take it from there and,  
24      if you need something else, we'll deal with it when it comes  
25      up. And, obviously, there might be situations where you'll

1 need something else, I don't know, but to give them 130-some  
2 defeats the purpose of the disclosures in my opinion.

3 MR. FARRELL: Respectfully, Judge, perhaps this is  
4 my fault. I'm having a hard time understanding the purpose  
5 of me telling the bad guys what documents I'm going to use  
6 to cross examine the bad guys.

7 THE COURT: Well, I don't know that they're bad  
8 guys yet, Mr. Farrell. You have yet to prove that. And  
9 you're saying you're going to cross examine them, but you're  
10 calling them as your witnesses and I don't know whether  
11 they're going to be subject to cross examination or not.  
12 They have to become hostile before you can cross examine  
13 them if you call them, if I understand the rules correctly.

14 MR. FARRELL: Well, Judge, Rule 611 allows me to  
15 use non-leading questions with an adverse party. So, this  
16 isn't -- and I completely understand the purpose of what  
17 you're trying to say. If we're going to call a party that  
18 is a non-party, then I can't just show up and start leading  
19 and I -- and I need to follow the rules. It's just when  
20 it's the actual party on the other side of the V is where  
21 I'm having trouble distinguishing.

22 MR. NICHOLAS: I'm not sure that I want to respond  
23 to how this is going to go because I'm not sure I understand  
24 what he's saying right now. My only request is can we get  
25 the 20 documents this morning because this witness is being

1 put on the stand possibly this afternoon.

2 MR. FARRELL: And, Judge, I think -- and I told  
3 the other side, I think you could reasonably presume that  
4 the black flags that I walked through -- but I will  
5 literally handwrite out the sequence of the first 30  
6 documents that I envision this witness to be asked about.

7 MR. NICHOLAS: Well, I know the Court doesn't want  
8 to prolong this and I don't want to prolong it either. He  
9 said it's 20 documents. We're already up to 30. He's  
10 giving me a generic description of the black flags, which I  
11 guess was --

12 THE COURT: He slipped in more on us there, Mr.  
13 Nicholas.

14 MR. NICHOLAS: So, you know, I just want the --  
15 it's not that complicated. I just want the documents he's  
16 going to use and I'd like them this morning.

17 MR. FARRELL: Judge, this belies the point. The  
18 defendants, and very rightfully so, want to put a box of  
19 documents that I'm only allowed to use with their own  
20 employees, their own witnesses.

21 THE COURT: Well, I know. You're -- we're all  
22 arguing about this and I think you understand my ruling. I  
23 want you to give him -- give him 30. I'll give you 30. And  
24 if the situation develops that you need something else,  
25 we'll deal with it at that time, but we need to do something

1 reasonable here and I think 30 is reasonable. And that's  
2 what I'm going to have you do.

3 And I don't want to put you in a straitjacket if  
4 something comes up where you need -- feel like you need  
5 something else. Then, we'll deal with it at that time.

6 Mr. Nicholas?

7 MR. NICHOLAS: Can we have the documents this  
8 morning, the 30?

9 THE COURT: Can they have 30 this morning?

10 MR. FARRELL: I will write them out now, Judge.

11 THE COURT: Okay, very good. They can have them

12 --

13 MR. FARRELL: By break.

14 THE COURT: So, your answer is yes?

15 MR. FARRELL: Yes.

16 THE COURT: Okay.

17 Dr. McCann, would you be kind enough to resume the  
18 witness stand?

19 Good morning, sir.

20 THE WITNESS: Good morning.

21 MR. MOUGEY: Good morning, Your Honor.

22 Good morning, Dr. McCann.

23 THE WITNESS: Good morning.

24 BY MR. MOUGEY:

25 Q. Dr. McCann, we were proceeding through the pharmacy

1 packets yesterday afternoon when we finished and I have  
2 Fruth up on the screen, sir, marked as Plaintiffs' Exhibit  
3 44752, Fruth Pharmacy. Dr. McCann, how many Fruth  
4 Pharmacies are there in the Cabell-Huntington area?

5 **A.** I'm not sure in total, but four at least.

6 **Q.** Four at least? And to go back to the list we were  
7 using yesterday, would you please point out to the Court  
8 where the Fruth Pharmacies are on this list sorted by MME on  
9 Page 2 of Exhibit 44752?

10 **A.** Yes. Looking down from the top, six rows, you see  
11 Fruth Pharmacy 5. And then right below that, Fruth Pharmacy  
12 12. And then, skipping five rows, you see Fruth Pharmacy 2.  
13 And down another eight or ten rows, you see Fruth Pharmacy  
14 11.

15 **Q.** And the dosage units, would you walk through each of  
16 the Fruth's with dosage units and MMEs starting with the  
17 first entry on Page 2?

18 **A.** Yes. Fruth Pharmacy 5 had 4,346,490 dosage units and  
19 39,448,389 MME.

20 Directly below that, Fruth 12 had 4,997,620 dosage  
21 units and 36,542,089 total MME.

22 Further down, Fruth #2 had 3,311,630 dosage units and  
23 25,790,501 MME.

24 Then the last Fruth, Fruth #11, had 2,194,970 dosage  
25 units and 14,554,735 MME.

1     **Q.**   Dr. McCann, similar to the previous pharmacy packets on  
2     Page number 6, would you please walk the Court through the  
3     summary of the combined pharmacies of where each of the oxy  
4     and hydrocodone came from for the ARCOS period, '06 to '04  
5     -- '14?

6     **A.**   Yes. Looking in the top panel of this exhibit, the  
7     combined pharmacies had 14,850,710 dosage units. 53% of  
8     those came from AmerisourceBergen and 45% of those dosage  
9     units came from Cardinal Health. Combined, they had  
10    116,335,714 MME. Of that, 53% came from AmerisourceBergen  
11    and 44% came from Cardinal Health.

12    **Q.**   Dr. McCann, on the -- in the preceding sections on Page  
13    6 and 7, have you also summarized these shipments from the  
14    distributors Fruth Pharmacy by Fruth Pharmacy individually?

15    **A.**   Yes.

16    **Q.**   I'm going to just continue with the combined on the  
17    next page, on 13, and, Dr. McCann, when reviewing this  
18    chart, how are you able to discern whether or not these are  
19    all the Fruth's combined or a Fruth store individually?

20    **A.**   In the upper left-hand corner, it says "Fruth  
21    Pharmacies combined", and then it gives the DEA registrant  
22    number for the four Fruth Pharmacies.

23    **Q.**   Okay. And, Dr. McCann, similar to previous slides,  
24    let's stick with 2009. And would you please summarize for  
25    the Court the total amount of hydro and oxy that went to the

1 combined four Fruth Pharmacies in 2009?

2 **A.** Approximately one and a half million doses of  
3 hydrocodone and a little over 400,000 doses of hydrocodone  
4 went to -- to these four pharmacies. So, in total, just a  
5 little bit less than 2 million. That's right, 1.9 million.

6 **Q.** For 2009. I'm going to come back to this slide on the  
7 summary for now. I'm going to proceed to Page 15. And  
8 would you please explain to the Court what you have  
9 summarized on Page 15 of Plaintiffs' Exhibit 44752?

10 **A.** Yes. The blue color is ABDC, AmerisourceBergen. The  
11 red color is Cardinal. And the height of the bars reflect  
12 the monthly shipments of hydrocodone to these Fruth  
13 Pharmacies. We saw on a previous table of data that between  
14 them, they account for roughly 98% of the hydrocodone and  
15 oxycodone. So, that's why this graph is almost entirely  
16 either blue or red.

17 **Q.** Dr. McCann, I'm going to fast forward to the similar  
18 format, or same format, as Page 15 to Page 18. Now, is this  
19 hydro or oxy?

20 **A.** This is oxy, oxycodone.

21 **Q.** Okay. And please explain to the Court what you have  
22 summarized on Page 18 similar to the hydrocodone slide you  
23 just looked at.

24 **A.** Yes. It looks very similar. The graph is really  
25 entirely all blue or all red because between Cardinal and

1 AmerisourceBergen, they account for 98% of the oxycodone and  
2 hydrocodone shipped to the Fruth Pharmacies.

3 **Q.** And which -- are you able to identify approximately the  
4 time period that the oxycodone shipments changed from  
5 AmerisourceBergen to Cardinal by looking at Page 18?

6 **A.** Yes. I believe it's at the end of 2010.

7 **Q.** Is the same time periods, to switch from  
8 AmerisourceBergen on hydrocodone, as it was on the oxycodone  
9 we just looked at?

10 **A.** Yes.

11 **Q.** Approximately?

12 **A.** Yes.

13 **Q.** And, Dr. McCann, to go back to 2009, 1.9 million of oxy  
14 and hydro, where did the overwhelming majority of that oxy  
15 and hydro shipment come from, which distributor in 2009?

16 **A.** AmerisourceBergen.

17 **Q.** Now, yesterday, we had calculated a per capita and a  
18 total number of dosage units from three pharmacies in 2009  
19 from AmerisourceBergen; do you recall?

20 **A.** Yes.

21 **Q.** Do you recall what those numbers were either per cap or  
22 total?

23 **A.** I recall that they total to, coincidentally, about  
24 1.9 million and with approximately 100,000 population, it  
25 worked out to 19 dosage units of oxy and hydro per capita.



1       **Q.**     2009, another 1.9 million approximately from  
2       AmerisourceBergen. Would you please combine the oxy and  
3       hydro from the Fruth Pharmacies to the calculations you did  
4       yesterday for a total between the three pharmacies that we  
5       covered yesterday and Fruth for total pills and per cap?

6       **A.**     Well, adding this 1.9 million to the 1.9 million we  
7       talked about yesterday for the other three pharmacies, you  
8       get 3.8 million or approximately 38 dosage units of  
9       oxycodone and hydrocodone per capita.

10      **Q.**     In how many years?

11      **A.**     In one year.

12      **Q.**     In one year. Dr. McCann, would you please also total  
13      in 2011 the hydro and oxy dosage unit?

14      **A.**     It totals right about 1.5 million. The oxy is a bit  
15      more than 300 million -- 300,000 and the hydro is a little  
16      bit less than 1.2 million. So, they total 1.5 million.

17      **Q.**     And from the summaries that we just reviewed, where did  
18      the overwhelming majority of the oxy and hydrocodone come  
19      from in 2011 from the Fruth stores?

20      **A.**     Cardinal Health.

21      **Q.**     Dr. McCann, would you please turn the 1.5 million just  
22      from Fruth into a per capita number for Cabell County in  
23      2011 based on the approximate population of a hundred  
24      thousand?

25      **A.**     That's 15 dosage units per capita.

1 Q. Just from the Fruth stores?

2 A. Yes.

3 Q. And in only 2011, correct?

4 A. Correct.

5 MR. MOUGEY: I apologize, Your Honor, for skipping  
6 through here. I'm trying to --

7 BY MR. MOUGEY:

8 Q. Dr. McCann, Page 62 of Plaintiffs' Exhibit 44752 --

9 A. Yes.

10 Q. Would you please walk the Court through the summary on  
11 Page 62?

12 A. This says oxycodone shipments from AmerisourceBergen to  
13 the Fruth Pharmacies. It includes the ARCOS time period, as  
14 well as the defendant transactional data, what we've been  
15 referring to as the defendant transactional data, but the  
16 data that was produced in discovery by AmerisourceBergen.  
17 So, it starts in late 2004 and runs through the end of the  
18 distribution by AmerisourceBergen to the Fruth Pharmacies.

19 Q. All right. Dr. McCann, on the following page, 69,  
20 would you please explain the summary on Page 69 of the  
21 different oxycodone strengths?

22 A. Well, as with the other exhibits we looked at  
23 yesterday, this exhibit summarizes or subtotals the dosage  
24 units by strength. According to the legend that's on the  
25 far right, the prominent bars, you can see green is the

1 five-milligram, but then the blue is the ten-milligram. The  
2 purple is the 15-milligram. And the 30 is the 30-milligram,  
3 is the 30-milligram oxycodone pills.

4 **Q.** Dr. McCann, same exercise with Cardinal on Page 75.  
5 Please explain to the Court the summary included here.

6 **A.** These are the Cardinal shipments of oxycodone to the  
7 Fruth Pharmacies. It includes the ARCOS time period and the  
8 additional data produced by Cardinal Health after the end of  
9 the ARCOS time period. You can see that it picks up at the  
10 beginning of 2010 and runs through the end of our data.

11 **Q.** Strength slide?

12 **A.** Yes. This is the same as the one that we just looked  
13 at, the same layout as the dosage units of oxycodone  
14 subtotaled by strength according to the legend on the right.  
15 And it's the same color scheme, so you can see the blue is  
16 the ten; and the purple is the 15; and the pink is the 30.

17 MR. MOUGEY: Your Honor, if you would give me just  
18 a second, I'm going to fast forward through several of these  
19 so we can skip to Rite Aid.

20 BY MR. MOUGEY:

21 **Q.** Dr. McCann, we just covered the combined slides up to  
22 Page 84 for the Fruth Pharmacies.

23 THE COURT: Mr. Mahady?

24 MR. MAHADY: Your Honor, Mr. Mougey did not try  
25 and introduce into evidence, but since we are moving on to

1 another pharmacy, I do want to note that we have the same  
2 objection as yesterday to the extent they're trying.

3 MR. MOUGEY: Actually, I was just for the -- I was  
4 just trying to move them in, just so we can make sure we're  
5 on the same page before --

6 MR. MAHADY: Okay.

7 MR. MOUGEY: -- I move forward, but the plaintiffs  
8 do move Exhibit 44752 into evidence.

9 THE COURT: All right.

10 MR. MOUGEY: With Mr. Mahady's standing  
11 objections.

12 THE COURT: All right. Your objections are noted  
13 for the record.

14 MR. MAHADY: Thank you, Your Honor.

15 BY MR. MOUGEY:

16 **Q.** All right. Rite Aid, which we've marked as Plaintiffs'  
17 Exhibit 44757, Dr. McCann, would you please identify for the  
18 Court where the Rite Aid pharmacies are on this summary  
19 page?

20 **A.** Yes. The first Rite Aid is about ten rows down and the  
21 page column is at 51. The next one is a few rows further  
22 down at Page number 76. A few rows down again at Page  
23 number 103. Skipping one, at Page 113 is another, and I  
24 believe that's it.

25 **Q.** All right. Would you please just walk the Court

1 through the dosage units that total MME for each of the Rite  
2 Aid pharmacies?

3 **A.** Yes. Rite Aid 968 had 2,960,490 dosage units and  
4 25,802,016 total MME. Rite Aid 3423 had 1,887,010 dosage  
5 units and 17,548,450 total MME. Rite Aid 3311 had 1,821,040  
6 dosage units and 12,783,195 MME. Rite Aid 950 had 1,717,860  
7 dosage units and 12,518,872 MME.

8 **Q.** Dr. McCann, on Page 6 of Plaintiffs' Exhibit 44757,  
9 would you please walk the Court through the combined  
10 summaries of where the oxycodone and hydrocodone shipments  
11 came from?

12 **A.** Yes. Combined, the four Rite Aid pharmacies had  
13 8,801,300 dosage units. 63% of that was distributed by Rite  
14 Aid and 37% by McKesson. Combined, the four pharmacies had  
15 72,422,370 MME. 35% of that was distributed by Rite Aid and  
16 64% by McKesson.

17 **Q.** So, the 64% is from McKesson on MME and 56% on the  
18 dosage units?

19 **A.** I'm sorry. 56% on the weight and 37% on the dosage  
20 units.

21 **Q.** Thank you. And 37% of the dosage units?

22 **A.** Correct.

23 **Q.** Now, from Page 6, Dr. McCann, are you able to identify  
24 whether it was oxy, or hydro, or a combination of the two  
25 from McKesson and/or Rite Aid?

1       **A.**     Not from this page.

2       **Q.**     And fast forward two pages. Please walk the Court  
3       through what you have summarized on Page 17 of Plaintiff  
4       Exhibit 44757.

5       **A.**     This is the distribution of oxycodone to the four Rite  
6       Aid pharmacies. McKesson in black. AmerisourceBergen in  
7       blue. Other in a beige color. They're just a few tips.  
8       So, all of the oxycodone for most of the time, almost all of  
9       the oxycodone, except for those little tips up through the  
10      end of 2018, is coming from McKesson.

11      **Q.**     And, again, the yellow time periods are ARCOS, Dr.  
12      McCann?

13      **A.**     Yes.

14      **Q.**     And the time periods that are book-ending ARCOS are  
15      from the datasets from where?

16      **A.**     From the defendants, McKesson, AmerisourceBergen, and  
17      Cardinal Health.

18      **Q.**     Dr. McCann, I am going to skip to Page 14, similar  
19      slide on the hydrocodone. Would you please walk the Court  
20      through what you've summarized similar to the oxycodone we  
21      just reviewed where the distribution came from for the  
22      hydrocodone to the combined Rite Aid stores?

23      **A.**     Yes. The hydrocodone came from Rite Aid. I think the  
24      term used is they self-distributed, Rite Aid did, that is.  
25      The amounts reflected are in the green bars. McKesson

1 distributed the hydrocodone in the gray bars. And  
2 AmerisourceBergen, at the end, the hydrocodone reflected by  
3 the heights of the blue bars.

4 **Q.** Dr. McCann, are you able to identify from Page 14 when  
5 McKesson became the -- what appears to be either the primary  
6 or sole distributor of hydrocodone to Rite Aid  
7 approximately?

8 **A.** Yes. In the second half of 2015.

9 **Q.** Where the lines shift from the green to the gray?

10 **A.** Yes.

11 **Q.** And prior to that, was McKesson also distributing some  
12 of the hydrocodone to Rite Aid?

13 **A.** Yes.

14 **Q.** And post-2018, it appears approximately who then picked  
15 up the hydrocodone shipments to Rite Aid?

16 **A.** AmerisourceBergen.

17 **Q.** And that's identified by the blue?

18 **A.** Yes.

19 **Q.** If you'll return to Page 12 of Plaintiffs' Exhibit  
20 44757, the -- what color is the oxycodone here, Dr. McCann?

21 **A.** Blue.

22 **Q.** All right. So, the blue on the charts that we just  
23 reviewed during the ARCOS time period came from which  
24 distributor?

25 **A.** From McKesson.

1       **Q.**     And the hydrocodone came from during the ARCOS time  
2       period a combination of which distributors?

3       **A.**     Rite Aid and McKesson.

4       **Q.**     And similar to the previous exercise, if we add it up,  
5       either 2009 or 2010, just from the Rite Aid Pharmacies, what  
6       was the total number of dosage units of hydrocodone and  
7       oxycodone that came into the community through Rite Aid?

8       **A.**     In 2009, it's about 1.1 million dosage units and in  
9       2010, a little bit less. A little bit more than a million,  
10      but about a million.

11      **Q.**     Turn to Page 72. Similar to the strength charts that  
12      you've reviewed prior, would you please just walk the Court  
13      quickly through what you have summarized on Page 72?

14      **A.**     Yes. It's the same layout. It's taking the shipments  
15      of oxycodone by McKesson to the Rite Aid Pharmacies and  
16      subtotaling the dosage units by strength according to the  
17      legend that's on the right.

18      **Q.**     And then, one last page in the pharmacy deck for Rite  
19      Aid, Page 31. Dr. McCann, would you please summarize what  
20      you've identified in Page 31 of Plaintiffs' Exhibit 44757?

21      **A.**     Yes. This is the subset of the hydrocodone shipments  
22      we looked at on a previous slide that isolates the McKesson  
23      shipments. The McKesson shipment of hydrocodone to these  
24      Rite Aid Pharmacies monthly is reflected in the heights of  
25      these gray bars.



1 Q. And just an approximate number from 2015 to 2018 or '19  
2 from McKesson shipments of hydrocodone in to Rite Aid?

3 A. A little bit more than 30,000 dosage units per month.

4 Q. And just turn that into an annual number, if you would,  
5 please, sir.

6 A. 12 times 30 would -- 12 times 30 would be 360,000, so a  
7 little more than 360,000 in a 12-month period.

8 MR. MOUGEY: Your Honor, plaintiffs move  
9 Exhibit 44757 into evidence.

10 MR. SCHMIDT: We make the same objection and ask  
11 that ruling be preserved on this.

12 THE COURT: Objection is preserved and I'm going  
13 to reserve the ruling for the reasons previously stated.

14 BY MR. MOUGEY:

15 Q. Dr. McCann, if you would please turn to Plaintiffs'  
16 Exhibit 44748, 44748, and there's -- if memory serves me  
17 correctly, there's two 44748s. This is the CVS Pharmacy  
18 packet.

19 A. Yes.

20 Q. Dr. McCann, based on Page 1 of Plaintiffs' Exhibit  
21 44748, how many different CVSs are there in the Cabell  
22 County City of Huntington area?

23 A. Four.

24 Q. Four? And those are listed here on the first page?

25 A. Yes.

1       **Q.**     Dr. McCann, turning to Page 2 and 3, which is the list  
2       sorted by MME, would you please identify for the Court where  
3       the CVS pharmacies are listed?

4       **A.**     Yes. The first one is five rows down. It's at Page  
5       Marker 20. And then skipping three, there are two more at  
6       Page Markers 41 and 46. And the fourth one is four more  
7       rows down at Page Marker 66.

8               MR. MOUGEY: Your Honor, just a housekeeping  
9       issue. The page numbers that I have identified here, if you  
10      are to go back later and try to figure out where those are,  
11      when we broke these documents apart trying to shrink them  
12      down, those page numbers are inapplicable to what we have in  
13      the record at this point. So, later, if you're trying to  
14      find those by page numbers, when I separated these out to  
15      shrink the volume down pursuant to your direction, those  
16      page numbers are no longer applicable. Does that make  
17      sense?

18             THE COURT: Okay.

19             MR. MOUGEY: Okay.

20             BY MR. MOUGEY:

21      **Q.**     Dr. McCann, for those four CVSSs, would you please walk  
22      the Court through the combined total for each of the  
23      distributors for hydrocodone and oxycodone as identified on  
24      Page 6?

25      **A.**     Yes. Combined, the four CVS pharmacies received

1 14,204,630 dosage units. 64% of those dosage units were  
2 distributed by CVS and 36% by Cardinal Health. And MME, the  
3 four pharmacies received 124,728,090 MME. 33% of that was  
4 distributed by CVS and 67% by Cardinal Health.

5 **Q.** All right. So, 67% of the MME and 36% of the dosage  
6 units from Cardinal?

7 **A.** Correct.

8 **Q.** And 64% of the dosage units and 33% of the MME from --  
9 self-distributed from CVS?

10 **A.** Yes.

11 **Q.** And are you able to discern by looking just at those  
12 numbers which distributor shipped which proportion of the  
13 hydrocodone and oxycodone?

14 **A.** No.

15 **Q.** Dr. McCann, direct your attention to Page 16 of  
16 Plaintiffs' Exhibit 4478. Please explain to the Court what  
17 you've summarized on this particular page.

18 **A.** This is all of the shipments of oxycodone to the four  
19 CVS pharmacies. And you can see it's all red, so all of the  
20 oxycodone came from Cardinal.

21 **Q.** And the ARCOS period, again, 2006 to end of 2014?

22 **A.** Yes.

23 **Q.** All right.

24 MS. SALGADO: Your Honor, just preserving our  
25 objection on the time frame, recognizing Your Honor has

1 ruled going back to -- with the data to 1996 uniquely to  
2 Cardinal.

3 THE COURT: All right. The record will so show.

4 BY MR. MOUGEY:

5 Q. Dr. McCann, outside of the datasets from the DEA  
6 governmental ARCOS, where did the remaining dataset come  
7 from for the Cardinal shipments of oxycodone to CVS?

8 A. I apologize, Mr. Mougey. Could you ask that again,  
9 please?

10 Q. Certainly. Where did the dataset outside of the DEA  
11 ARCOS 2006 to 2014, where -- who produced the data? Where  
12 did you get the data to build the summary?

13 A. It was produced by Cardinal Health in discovery.

14 Q. So, let's start in 1998, just an approximate percentage  
15 increase of dosage units from 1998 to the beginning of 2010.  
16 Just approximately as a percentage what is the increase of  
17 oxycodone distribution to CVS stores in Cabell County and  
18 the City of Huntington?

19 A. It's approximately five times as large in 2010 and '11  
20 as it was in 1998 and 1999. So, it's increased by 4-500%.

21 Q. Dr. McCann, would you please walk the Court again  
22 through just the summary you have on Page 55 identifying the  
23 different strengths of the oxycodone shipped by Cardinal?

24 A. Yes. Again, this is taking the transaction data of  
25 shipments of oxycodone to the four pharmacies from Cardinal

1 Health and subtotaling. So, grouping it by year and then  
2 subtotaling it by the strength of the pills. According to  
3 the legend on the right, same color scheme as on the  
4 previous exhibits we looked at.

5 **Q.** Dr. McCann, I'm going to skip a series of slides and go  
6 to Page 13. Would you please explain to the Court what we  
7 -- what you have identified on Page 13 of the hydrocodone  
8 shipments to CVS?

9 **A.** Yes. The hydrocodone was shipped in the ARCOS time  
10 period primarily self-distributed by CVS and then later  
11 primarily distributed by Cardinal Health.

12 **Q.** And the time frame when it appears that from your  
13 summary that Cardinal Health became the either sole or  
14 primary distributor of hydrocodone to CVS?

15 **A.** Sometime in 2015 or '16.

16 MR. MOUGEY: Your Honor, plaintiffs move  
17 Exhibit 44748 into evidence.

18 MS. SALGADO: Same objections, Your Honor.

19 THE COURT: All right.

20 BY MR. MOUGEY:

21 **Q.** Dr. McCann, turn next to Plaintiffs' Exhibit 44751,  
22 Family Discount Pharmacy Report.

23 MS. SALGADO: Your Honor, just a note. This is --  
24 this is a pharmacy outside of Cabell and Huntington and, as  
25 we've discussed, we maintain our objection based on

1 geographic scope.

2 THE COURT: All right. Your objection is  
3 preserved for the record. I'll go ahead and hear it.

4 MR. MOUGEY: As long as we're putting pins in each  
5 of these objections, Your Honor has ruled on the systemic  
6 issue around the country. What we've done here is just a  
7 few examples within the State of West Virginia. Just making  
8 sure we're all on the same page, Your Honor.

9 MS. SALGADO: We dispute that characterization and  
10 we think this does not fit into the Court's rulings on the  
11 narrow exceptions to geographic scope and can address that  
12 at a later time.

13 THE COURT: All right. Mr. Schmidt, do you want  
14 to say anything?

15 MR. SCHMIDT: I was just going to join and say our  
16 understanding is this issue is preserved until following the  
17 exam, but this is an issue, obviously, that impacts all of  
18 the defendants. And so, as long as we've preserved this  
19 issue on these pharmacies that are outside Cabell County, we  
20 don't need to stand up and object every time, but it is an  
21 issue that I think is going to come up again.

22 THE COURT: Mr. Mahady?

23 MR. MAHADY: Nothing to add, Your Honor.

24 THE COURT: All right. Go ahead, Mr. Mougey.

25 MR. MOUGEY: Thanks, Your Honor.

1 BY MR. MOUGEY:

2 Q. Dr. McCann, we've just covered a series of pharmacies,  
3 CVS, and Rite Aid, Fruth that were combined. How many  
4 pharmacies now are we back to in the Family Discount  
5 Pharmacy packet?

6 A. Just one. I'm sorry. I believe just one. I'm a  
7 little bit confused. There's one further down that appears  
8 to be a second one. There's only -- I only have -- I only  
9 have exhibits that follow that first page for the first one,  
10 number 565.

11 Q. The DEA number?

12 A. Yes. The DEA number, I'm sorry, is BF0660565.

13 Q. Yes, sir. And how many DEA numbers are there on that  
14 first page?

15 A. Oh, I'm sorry. There are 13.

16 Q. I think you and I are on separate pages, Dr. McCann.  
17 Let me take you to Page 1 of the pharmacy packet.

18 A. I am looking at the wrong page.

19 Q. My apologies. How many DEA numbers are on that Page 1  
20 of the Family Discount Pharmacy Report?

21 A. One.

22 Q. Okay. And that's the DEA number that ends in 565?

23 A. Correct.

24 Q. All right. Dr. McCann, this next series of pharmacy  
25 packets that we're going to review, would you just walk the

1 Court through how you've organized each of those on this  
2 following slide, Page 2?

3 **A.** They're sorted by MME, same as the -- as the list of  
4 pharmacies that we went through previously. So, the first  
5 one is Westside Pharmacy. The second one is Family Discount  
6 Pharmacy.

7 **Q.** And how many total dosage units came in through Family  
8 Discount Pharmacy?

9 **A.** 15,544,160.

10 **Q.** And the total MME?

11 **A.** 121,309,017.

12 **Q.** I'm going to skip to Page 54, Dr. McCann. For the  
13 hydrocodone, would you please explain to the Court what  
14 you've summarized on Page 54?

15 **A.** These are the shipments by distributor of hydrocodone  
16 to Family Discount Pharmacy. Cardinal in red. McKesson in  
17 gray. ABDC in blue.

18 **Q.** And, as Mr. Schmidt pointed out yesterday, can you make  
19 the distinction between the gray and the kind of tan or  
20 beige color?

21 **A.** Yes. I couldn't on the one yesterday, but here, I can  
22 see the distinction. There's enough colors there to see the  
23 distinction.

24 **Q.** And let's just start from the left-hand side with the  
25 gray color. Dr. McCann, can you identify the beginning in



1 2005 until what appears to be the beginning of 2008 which  
2 distributor these shipments of hydrocodone to Family  
3 Discount Pharmacy came from?

4 **A.** Primarily coming from McKesson.

5 **Q.** And the red, sir, is?

6 **A.** Cardinal.

7 **Q.** So, the -- and then the tan color, you've identified as  
8 what, sir?

9 **A.** Other.

10 **Q.** All right. So, the hydrocodone shipments to Family  
11 Discount Pharmacy other than this tan color is from McKesson  
12 and Cardinal?

13 **A.** Yes.

14 **Q.** Turn to Page 58. Would you please explain to the Court  
15 what you've summarized or compiled on Page 58 of Plaintiffs'  
16 Exhibit 44751?

17 **A.** I'm sorry. 68?

18 **Q.** Yes. I'm sorry. Yes, 68. Thank you.

19 **A.** Well, it's the shipments of Cardinal Health that we saw  
20 on the previous slide overlaid with shipments that is of  
21 hydrocodone to Family Discount Pharmacy overlaid with  
22 averages for West Virginia and for the country of shipments  
23 of hydrocodone from Cardinal Health to pharmacies.

24 **Q.** Would you please explain to the Court the scale on the  
25 left-hand side of the dosage units per month?

1     **A.**    Yes.  You can see that the scale there is in increments  
2     of 20,000 per month.

3     **Q.**    And so, McKesson shipment -- I'm sorry.  Cardinal  
4     shipment into the Family Discount Pharmacy 2010, 2011, just  
5     approximately per year is what, sir?

6     **A.**    Well, approximately 80,000 per month or a million per  
7     year.

8     **Q.**    Just from Cardinal?

9     **A.**    Correct.

10    **Q.**    Dr. McCann, have you done a similar analysis for the  
11    hydrocodone coming from McKesson?

12    **A.**    Yes, on Slide 84.

13    **Q.**    And would you please explain to the Court what data  
14    you've compiled on Page 84, sir?

15    **A.**    Similar to the previous slide, this one is McKesson  
16    shipments of hydrocodone to Family Discount Pharmacy  
17    overlaid with their average shipments to the pharmacies in  
18    West Virginia and around the country.

19    **Q.**    And the scale on the left-hand side on dosage units?

20    **A.**    It's a little bit coarser scale.  This scale is in  
21    increments of 50,000.

22    **Q.**    And just approximate number of monthly shipments from  
23    McKesson of hydrocodone into the Family Discount Pharmacy in  
24    -- from 2005 until 2008, sir?

25    **A.**    On an annual basis, it's -- it's more than one and a

1 quarter million.

2 **Q.** On an annual basis?

3 **A.** Yes.

4 **Q.** Of just hydrocodone?

5 **A.** Yes.

6 **Q.** Dr. McCann, turn your attention to Page 10 of the  
7 Family Discount Pharmacy packet, sir. Would you please walk  
8 the Court through the data you've compiled on this page?

9 **A.** Yes. This is the oxycodone distributions to this  
10 Family Discount Pharmacy. The black bars represent -- the  
11 heights of the black bars represent the shipments from  
12 McKesson. The height of the red bars, the shipments from  
13 Cardinal. And the blue bars, the shipments -- the heights  
14 of the blue bars, the shipments from AmerisourceBergen.

15 **Q.** Dr. McCann, the -- what is the only color on this slide  
16 of shipments to oxycodone to the Family Discount Pharmacy  
17 that didn't come from one of the parties in this courtroom?

18 **A.** It's the tan color. There's some tips prior to 2015  
19 and then some months in 2015 where it's all tan.

20 **Q.** So, any of the tan-ish color is from one of the parties  
21 -- from a party or parties outside of the courtroom?

22 **A.** That's my understanding.

23 MR. MOUGEY: Your Honor, Plaintiffs move 44751.

24 MS. SALGADO: Same objections, Your Honor.

25 MR. SCHMIDT: Same objection.

1 THE COURT: I'm reserving a ruling on the  
2 objections. Your objections are shown.

3 B MR. MOUGEY:

4 Q. Dr. McCann, let's turn your attention to Exhibit 44750,  
5 Family Discount Pharmacy of Stollings, Inc. How many  
6 numbers are identified on Plaintiffs' Exhibit 44750?

7 A. One.

8 Q. Dr. McCann, would you please identify for the Court  
9 Page 2 where Family Discount Pharmacy with a DEA number of  
10 567 appears on Page 2?

11 A. It's three rows up from the bottom.

12 Q. Three rows up from the bottom? The total dosage units  
13 into Family Discount Pharmacy with the DEA number ending in  
14 567?

15 A. 3,308,400.

16 Q. And the total MME, sir?

17 A. 20,629,035.

18 Q. Dr. McCann, would you please explain to the Court what  
19 you've compiled on Page 7 of Plaintiffs' Exhibit 44750?

20 A. This is the shipments of oxycodone and hydrocodone to  
21 this pharmacy by year subtotaled by oxycodone and by  
22 hydrocodone.

23 Q. And just to select the years for a total, 2010, 2009,  
24 total of dosage units that came in through Family Discount  
25 Pharmacy with the DEA number ending in 567?

1     **A.**    It's approximately 400,000 dosage units, a little bit  
2           more than that in 2010, but approximately 400,000 dosage  
3           units each year.

4     **Q.**    Dr. McCann, Page number 41 of Plaintiffs'  
5           Exhibit 44750, please explain to the Court what you've  
6           compiled on this page.

7     **A.**    This is the dosage units of hydrocodone shipped to  
8           Family Discount Pharmacy of Stollings. The height of the  
9           gray bars reflects the shipments from McKesson. The height  
10          of the red bars, the shipments from Cardinal. And there are  
11          some -- some beige tips that reflect shipments from other  
12          distributors.

13    **Q.**    I've indicated on the electronic board on Page 41 where  
14          you have identified the tips that are tan, as opposed to  
15          gray. Did I get that about -- did I get that right, Dr.  
16          McCann?

17    **A.**    Yes.

18    **Q.**    So, in totality, the hydrocodone shipment, the --  
19          almost all came from McKesson and Cardinal to Family  
20          Discount?

21    **A.**    That's correct.

22    **Q.**    Dr. McCann, turn your attention to Page number 59.  
23          Would you please explain to the Court what you've compiled  
24          on Page 59?

25    **A.**    These are a subset of the shipments we were looking at

1 earlier. These are the shipments from McKesson to this  
2 pharmacy and the green line is the national -- I'm sorry,  
3 the West Virginia average of McKesson shipments of  
4 hydrocodone to pharmacies in West Virginia and the gold  
5 color line is McKesson's national average shipments of  
6 hydrocodone to pharmacies.

7 **Q.** And, Dr. McCann, what is the dosage units scale on the  
8 left-hand side from what came from McKesson say, for  
9 example, from 2005 to 2009 per month just roughly?

10 **A.** I apologize, Mr. Mougey. Could you ask that again,  
11 please?

12 **Q.** Yes. Just generally, what is the amount of dosage  
13 units coming from McKesson of hydrocodone to Family Discount  
14 Pharmacy with the DEA number ending 567?

15 **A.** It's about 25,000 dosage units per month.

16 **Q.** And then per year?

17 **A.** That would be 300,000.

18 **Q.** Dr. McCann, I believe you have compiled a similar  
19 analysis, sir, summary for Cardinal?

20 **A.** Yes.

21 **Q.** And please explain to the Court what you have compiled  
22 on Page 44, sir.

23 **A.** It is the same basic layout. It's a subset of all of  
24 the shipments of hydrocodone to this pharmacy. It's the  
25 Cardinal Health shipments and I've overlaid with the

1 Cardinal Health shipments to this -- pharmacy of  
2 hydrocodone, that is, the West Virginia and national average  
3 shipments of Cardinal Health to pharmacies of hydrocodone.

4 MR. MOUGEY: Your Honor, plaintiffs move Exhibit  
5 44750 into evidence.

6 MS. SALGADO: Same objections, Your Honor.

7 THE COURT: Same ruling.

8 BY MR. MOUGEY:

9 Q. Dr. McCann, direct your attention to what I've marked  
10 as Plaintiffs' Exhibit 44753, Hurley Drug Company Pharmacy  
11 from Bates number -- I'm sorry -- DEA number 401.

12 A. Yes.

13 Q. Please direct the Court to -- on your summary page of 2  
14 where Hurley falls.

15 A. It's five rows down from the top.

16 Q. And the total dosage units from Hurley?

17 A. 9,869,830.

18 Q. During what period, Dr. McCann?

19 A. It's the ARCOS time period, 2006 to 2014.

20 Q. And then the total MME, sir?

21 A. 64,416,766.

22 Q. Dr. McCann, direct you to Page 68, Hurley Drug Company  
23 hydrocodone shipments from Cardinal, sir?

24 A. Yes.

25 Q. Would you please explain to the Court what you've

1 compiled on Page 68?

2 **A.** Yes. These are the shipments of hydrocodone monthly  
3 from Cardinal Health to Hurley reflected in the heights of  
4 these red bars and then overlaid on top of the actual  
5 shipments each month from Cardinal. Cardinal's average  
6 shipments to pharmacies in the state and nationally in the  
7 green and yellow or gold lines.

8 **Q.** And, Dr. McCann, just roughly, during the periods '06,  
9 '07, 2009, '10 and '11, what -- what is the dosage units per  
10 month, just approximately, that Cardinal was shipping to  
11 Hurley?

12 **A.** Approximately 40,000 a month.

13 **Q.** And then, Dr. McCann, I believe you've compiled a  
14 similar summary on Page 84 for McKesson, sir?

15 **A.** Yes.

16 **Q.** And please explain to the Court what you've summarized  
17 on Page 84.

18 **A.** It's McKesson's shipments of hydrocodone to this  
19 pharmacy. The height of the gray bars reflect the monthly  
20 shipments from McKesson of hydrocodone and -- to this  
21 pharmacy. The green line reflects the average shipments  
22 monthly to all pharmacies that McKesson shipped hydrocodone  
23 to in West Virginia. And the gold line, the average of  
24 hydrocodone shipments to all pharmacies that McKesson  
25 shipped hydrocodone to nationally.



1       **Q.**   And just on the scale on the left-hand side from  
2       McKesson the dosage units per month, sir, from 2000 -- late  
3       2014 to midway-2017?

4       **A.**   Approximately 25,000 dosage units per month.

5       **Q.**   And annually, sir?

6       **A.**   That would be 300,000.

7               MR. MOUGEY: Your Honor, plaintiffs move in  
8       Exhibit 44753, the compilation from Hurley.

9               MS. SALGADO: Same objections, Your Honor, on  
10       improper summaries and also just want to reiterate our  
11       standing objection as to geographic scope to this portion of  
12       the outside of Cabell-Huntington presentation.

13              MR. SCHMIDT: Same, Your Honor.

14              BY MR. MOUGEY:

15       **Q.**   Dr. McCann, let's move to Plaintiffs' Exhibit 44759,  
16       Strosnider. How many DEA numbers? Sorry.

17       **A.**   One.

18       **Q.**   One. And would you please point the Court to where  
19       Strosnider is on this compilation of pharmacies?

20       **A.**   Yes. It's four down from the top.

21       **Q.**   And total dosage units during the ARCOS period from --  
22       I'm sorry -- to Strosnider of oxycodone and hydrocodone?

23       **A.**   13,169,550.

24       **Q.**   And, Dr. McCann, if you would please turn to Page 27 of  
25       Exhibit 44759 and explain to the Court what you've

1 summarized on this page.

2 **A.** It's McKesson shipments of hydrocodone to this  
3 pharmacy. The heights of the -- vertical height of the gray  
4 bars reflect the monthly shipments of hydrocodone to this  
5 pharmacy. And then, the green line reflects the monthly  
6 shipments on average to -- of McKesson of hydrocodone to  
7 pharmacies that it serviced in West Virginia. And the gold,  
8 the monthly average of hydrocodone shipments from McKesson  
9 to the pharmacies that McKesson shipped hydrocodone to.

10 **Q.** And, Dr. McCann, the scale on the left-hand side of the  
11 monthly dosage units from McKesson to Strosnider?

12 **A.** The scale is in increments of 50,000.

13 **Q.** And the monthly amount, what appears to be  
14 approximately January of '06 towards the end of 2007, just  
15 on average, what does that roughly equate to?

16 **A.** It's about 175,000 per month.

17 **Q.** All right. And annualized for each of those years?

18 **A.** A little bit more than 2 million.

19 **Q.** Is that in total or per year?

20 **A.** Per year.

21 **Q.** So, close to roughly 4 million for the total period?

22 **A.** Yes. I'd have to add it all up, but it looks to be  
23 about 175 per month, which would be 4 million over a  
24 two-year period.

25 MR. MOUGEY: Your Honor, plaintiffs move

1 Exhibit 44759 in, the compilation for Strosnider.

2 MR. SCHMIDT: Same two objections as before, Your  
3 Honor.

4 THE COURT: The objections are preserved by the  
5 Court.

6 BY MR. MOUGEY:

7 Q. Dr. McCann, please turn to or pull Plaintiffs'  
8 Exhibit 44744, Aracoma Drug Company.

9 A. Yes.

10 Q. And how many DEA numbers, sir?

11 A. One.

12 Q. And, Dr. McCann, where does Aracoma fall on the summary  
13 page of Page 2 of 44744?

14 A. It's pretty much in the middle. It's down about seven  
15 or eight rows from the top.

16 Q. And total number of dosage units into Aracoma?

17 A. 3,333,180.

18 Q. And total MME, sir?

19 A. 27,661,373.

20 Q. And, Dr. McCann, what time period does this cover on  
21 Page 2?

22 A. 2006 to 2014.

23 Q. Which is the ARCOS period?

24 A. Yes.

25 Q. And, Dr. McCann, if you'd please turn to Page 42 and

1 explain to the Court what you have summarized on Page 42  
2 regarding the hydrocodone shipments to Aracoma.

3 **A.** This is the hydrocodone shipments from all distributors  
4 to this drugstore for the -- for the ARCOS period, plus the  
5 additional period before and after, supplemented by the  
6 defendant transaction data.

7 **Q.** All right. And, Dr. McCann, let's attempt to  
8 distinguish here the difference between the McKesson, which  
9 is the gray, and then the other, which is the tan, correct?

10 **A.** Yes.

11 **Q.** And ABC also distributed to Aracoma?

12 **A.** Yes. Reflected in the heights of the blue segments of  
13 the bars, that's the ABDC shipments.

14 **Q.** And the red, sir?

15 **A.** Is the Cardinal Health shipments.

16 **Q.** All right. And the predominant other outside of  
17 McKesson is in the 2008 and 2009?

18 **A.** Correct.

19 **Q.** And there's also other outside of McKesson, as you  
20 referred to prior, some of the tips, correct, sir?

21 **A.** Yes.

22 **Q.** Are you able to discern where the majority of the  
23 hydrocodone to Aracoma came from by looking at Page 42?

24 **A.** Yes.

25 **Q.** And where is that, Dr. McCann? Who is that from, Dr.

1 McCann?

2 **A.** It's from McKesson.

3 **Q.** Dr. McCann, similarly, the oxycodone to Aracoma, would  
4 you please explain to the Court what you've summarized on  
5 Page 10 of Plaintiffs' Exhibit 44744?

6 **A.** Yes. Again, the heights of the bars are the monthly  
7 dosage units. The red bars reflect shipments from Cardinal.  
8 And the black bars reflect shipments from McKesson.

9 **Q.** And the time period that you have compiled on Page 10  
10 covering McKesson's shipments to Aracoma?

11 **A.** It's the -- what we've been referring to as the ARCOS  
12 time period, the period over which we had transaction data  
13 from the government, supplemented with the additional data  
14 we received from the defendants in discovery.

15 **Q.** And are you able to identify based on Page 10 where  
16 almost all of the oxycodone came from to Aracoma?

17 **A.** Yes. It virtually all came from McKesson.

18 **Q.** All right. So, Dr. McCann, if we return to Page 6, the  
19 summary of the oxy and hydro, would you please identify for  
20 the Court where you can calculate the number of dosage units  
21 that went into Aracoma from McKesson other than those  
22 Cardinal shipments during the ARCOS period from '6 to '14?

23 **A.** Yes. It's -- the height of the blue bars on this graph  
24 for oxycodone reflect almost only shipments from McKesson.  
25 There's a small amount of shipments, relatively small

1 amount, in the red bars for Cardinal Health, but the rest  
2 would be all black.

3 **Q.** And, Dr. McCann, if you would, sir, on the hydrocodone  
4 from McKesson, let's start with just an easier period from  
5 2005 to 2009. Where did most of the hydrocodone come from  
6 shipped to Aracoma?

7 **A.** It came from McKesson.

8 **Q.** And 2011 to 2014, where did most of the -- almost all  
9 of the hydrocodone come from to Aracoma?

10 **A.** From McKesson.

11 **Q.** And those middle years, sir, 2009 and '10, the hydro  
12 was a combination of what, sir, from the distributors?

13 **A.** Well, a little bit from each of the three distributors  
14 here, but mostly from other distributors.

15 **Q.** Yes, sir. Dr. McCann, go to Page 36. This is the  
16 oxycodone broken down by strength. Would you please walk  
17 the Court through your summary on this page?

18 **A.** Yes. This is a similar summary exhibit that we've seen  
19 before. It groups the shipments by year and then subtotals  
20 by McKesson's shipments and by the drug strength according  
21 to the legend that's on the right.

22 **MR. MOUGEY:** And I apologize for bouncing between  
23 hydro and oxy, but, Your Honor, just to refresh.

24 **BY MR. MOUGEY:**

25 **Q.** The oxy came to Aracoma came from which distributor,

1 Dr. McCann, as identified on Page 10?

2 **A.** From McKesson.

3 **Q.** All right. And go back to the strength slide on Page  
4 36. The total dosage units are -- for oxycodone to Aracoma  
5 are summarized on this page, sir?

6 **A.** Yes.

7 **Q.** And just -- would you walk the Court through just  
8 roughly kind of year by year, beginning in 2004, the annual  
9 shipments of oxycodone from almost all of McKesson to  
10 Aracoma?

11 **A.** Yes. In the first year they had a little bit more than  
12 10,000 dosage units. That increases over time to  
13 approximately 45,000, approximately 32,000, 45,000 again,  
14 and then a little over 60,000, almost 80,000, almost 90,000.  
15 A couple of years, a little bit more than 60,000, and then  
16 as high as 93- or 94,000, and then declining 80,000, 75,000,  
17 42,000 and down to under 10,000 again.

18 MR. MOUGEY: Plaintiffs move Exhibit 44744 into  
19 evidence.

20 MR. SCHMIDT: Same objection as to geography and  
21 improper exhibit.

22 MR. MAHADY: Same objection, Your Honor.

23 THE COURT: The objections are shown on the record  
24 and the Court will reserve ruling on them.

25 MR. SCHMIDT: Thank you, Your Honor.

1 THE COURT: Mr. Mougey, Chapmanville, West  
2 Virginia, I can take judicial notice of where it is. It's  
3 in Logan County, significantly removed geographically from  
4 Huntington. Why is that relevant?

5 MR. MOUGEY: I'm -- can I defer to some of my  
6 counsel, Judge, to connect the dots for you under 104(b)? I  
7 think every one of these are going to be tied back on  
8 several issues, one being the systemic issue which Judge  
9 Polster ruled on, but others, as well, and I think Mr.  
10 Farrell is going to walk you through some of the documents  
11 as we move forward the next couple of weeks. I appreciate  
12 your patience walking through that.

13 Judge, I'm going to shift gears into a different series  
14 of exhibits. I don't have -- might have maybe 45 minutes  
15 left. What would you like me to do?

16 THE COURT: Well, we can take a ten-minute break  
17 here and press on, if this is a convenient stopping point.

18 MR. MOUGEY: That would be great, Judge.

19 THE COURT: All right. We'll be in recess until  
20 about 10:30.

21 MR. MOUGEY: Thank you.

22 (Recess taken)

23 (Proceedings resumed at 10:36 a.m.)

24 THE COURT: Okay, Mr. Mougey.

25 MR. MOUGEY: Thank you, Judge.



1 BY MR. MOUGEY:

2 Q. Dr. McCann, let's move to Plaintiffs' Exhibit  
3 42879.

4 MR. MOUGEY: Your Honor, I just have a few cleanup  
5 miscellaneous compilations I needed to get through, so bear  
6 with me.

7 BY MR. MOUGEY:

8 Q. All right, Dr. McCann, do you have it in front of  
9 you?

10 A. Yes.

11 Q. All right, Page 1 of Exhibit 42879, would you just  
12 please explain to the Court what you summarized regarding  
13 the McKesson shipments in the United States?

14 A. Yes. It's a subtotal of the total dosage units of all  
15 opioids shipped by McKesson during the ARCOS time period  
16 2006 to 2014.

17 Q. And, Dr. McCann, we've been discussing oxy and hydro  
18 since we narrowed some of the focus initially. Is this all  
19 14 drugs?

20 A. It is, although some of them may not have dosage units.  
21 So there may not literally be an entry here somewhere for  
22 each of the 14, but the intention is wherever there is a  
23 dosage unit for any of those 14 drugs, it's subtotaled in  
24 this chart.

25 Q. And I know we've already hit this, but why wouldn't

1       there be dosage units for some of the drugs?

2       **A.**   Well, if the drug is in a liquid form, for instance,  
3       the dosage unit field is not populated. But -- so,  
4       typically, if there's a dosage unit, it's one of seven  
5       different hard formulations like a pill, a tablet, a caplet,  
6       a lozenge.

7       **Q.**   Dr. McCann, so when you say it's in the thousands, what  
8       exactly does that mean?

9       **A.**   Well, so, the increments you can see here are in  
10      500,000, and we quickly get to two million, three million,  
11      and four million. Those are multiplied then by 1,000 to get  
12      the scale. And, so, it means that these are in billions;  
13      one billion, one and a half billion, two billion, two and a  
14      half billion, three billion, so on.

15      **Q.**   So, essentially, we can just add three zeros to get the  
16      correct -- or convert from the thousands into the actual  
17      number?

18      **A.**   Yes, that's correct.

19      **Q.**   All right. So would you please just walk the Court  
20      through beginning in 2006 the total dosage units during the  
21      ARCOS period from McKesson from '06 to '14?

22      **A.**   Yes. The dosage units grows from 2006 to 2007 from a  
23      little more than two billion to a little bit less than two  
24      and a half billion. In 2008 it's about 2.8 billion; 2009,  
25      about 2.9 billion; 2010, about three billion; and then a

1 little bit more than that, 3.2 billion in 2011, '12 and '13;  
2 and a little bit more than that, 3.3 or 3.4 billion in 2014.

3 MR. MOUGEY: Your Honor, plaintiffs move Exhibit  
4 42879 summarizing the total dosage units from McKesson into  
5 the U.S.

6 MR. SCHMIDT: Same objection, Your Honor.

7 THE COURT: All right. I'll reserve ruling on it.

8 Go ahead, Mr. Mougey.

9 BY MR. MOUGEY:

10 Q. Dr. McCann, 44318.

11 A. Yes.

12 Q. Would you just start with the upper left-hand corner  
13 and describe for the Judge what is summarized on Page 1 of  
14 44318?

15 A. Yes. This is shipments of oxycodone nationally during  
16 the ARCOS time period by Cardinal Health to all dispensers.

17 Q. And for which drug, Dr. McCann?

18 A. Oxycodone.

19 Q. And, so, each of the states that -- actually, just walk  
20 through the contents of the chart, not in detail, obviously,  
21 but just the categories.

22 A. Sure. So the data here is, is subtotals of oxycodone  
23 shipments by Cardinal Health in dosage units by year and by  
24 state. So across the top you've got the all states figure  
25 for 2006, 2007, and so on into 2014, and then a total in the

1 far right column.

2 And then below that for each year you've got a subtotal  
3 of the dosage units of oxycodone Cardinal shipped into each  
4 state sorted alphabetically, so Alaska first -- I'm sorry --  
5 yes, Alaska first and Wyoming last.

6 **Q.** All right, Dr. McCann, let's continue just onto Page 2.  
7 Is that the same compilation that you've just described  
8 inclusive of all states?

9 **A.** Yes, that's correct.

10 **Q.** And, Dr. McCann, the totals are both vertically and  
11 horizontally?

12 **A.** Right. You can think of the row across the top as the  
13 total across the states. And then the totals on the left  
14 across all the states by year, and then the totals on the  
15 right across all years for each state.

16 So there's two sets of totals there for the grand  
17 total, if you will, in the upper right-hand corner of the  
18 first page of each of these. For oxycodone it was  
19 10,414,966,518. And for hydrocodone it was 5,929,872,902  
20 dosage units.

21 **Q.** All right. Before we go to hydrocodone, stay with me  
22 and let's stick with this just a second on how this is laid  
23 out.

24 So if Your Honor wanted to calculate the total for West  
25 Virginia over the ARCOS period, it would be on the

1 right-hand column, Dr. McCann?

2 **A.** Yes, that's correct. It's the 130,796,385 dosage unit  
3 figure there.

4 **Q.** And if the Court wanted to compare the shipments from  
5 Cardinal on oxy -- of oxy into West Virginia compared to  
6 other states over the entire ARCOS time period, it would  
7 just be on that far right column?

8 **A.** Right. That would cover the entire time period. And  
9 each column to the left would allow you to compare year by  
10 year.

11 **Q.** And if we go back to the first page, the numbers at the  
12 top year by year are the total for all of the states;  
13 correct, sir?

14 **A.** Correct.

15 **Q.** And if Your Honor wanted to look at West Virginia as a  
16 percentage of the whole for that given year, would that be  
17 an effective way to do that?

18 **A.** Yes. For that year you would take the number in the  
19 cell for West Virginia and divide it by the total for that  
20 year across the states.

21 **Q.** All right. Is Page Number 3 the same layout for  
22 hydrocodone?

23 **A.** Yes.

24 **Q.** And, again, all dispensers of hydrocodone for Cardinal  
25 Health?

1       **A.**     Yes, that's correct.

2               MR. MOUGEY: Your Honor, plaintiffs move Exhibit  
3     44318 into evidence for compiling the state by state data  
4     during the ARCOS time period.

5               THE COURT: Ms. Salgado.

6               MS. SALGADO: Yes, Your Honor, the same objection.  
7     And also I believe that this particular set of calculations  
8     was also not included in Dr. McCann's expert report.

9               THE COURT: Was it included in his expert report,  
10    Mr. Mougey?

11              MR. MOUGEY: I'll have to go back. I find it hard  
12    to believe that the compilations on state by state weren't  
13    in the expert report. I mean, we had 7,000 pages. I'll be  
14    happy to go back.

15              THE COURT: All right. The record will show your  
16    objection on both grounds.

17              MR. MOUGEY: Your Honor, if I could just add one  
18    thing. I do believe, however, Mr. Fuller, who is not in  
19    here, provided this document to Cardinal Health. They were  
20    the subject of a 1006 issue that was brought to Your Honor  
21    and those have been published and produced to the other side  
22    for quite some time.

23              So I'll double-check, Your Honor, just to make sure.  
24    But either way, this isn't the first time the defendants  
25    have seen this -- or, I'm sorry -- Cardinal has seen this

1 document.

2 MS. SALGADO: I'll just add just a flag.  
3 Typically we've seen a sourcing at the bottom of the page  
4 for particular portions of his appendix. So I'm just noting  
5 for the record we don't see any sourcing here. Thank you.

6 MR. MAHADY: Same objections, Your Honor. Thank  
7 you.

8 THE COURT: All right.

9 BY MR. MOUGEY:

10 Q. I apologize. I just lost my place. Was I on --  
11 Dr. McCann, was I on 44318?

12 A. Yes.

13 Q. I'll turn to 44723, Page 1. Dr. McCann, is this a  
14 compilation for AmerisourceBergen similar to what we just  
15 saw for Cardinal?

16 A. Yes.

17 Q. And the compilations both vertically and horizontally  
18 are done the same way that it was with the Cardinal, the  
19 previous exhibit we just walked through?

20 A. Yes. Each cell is the subtotal of the shipments of  
21 hydrocodone by AmerisourceBergen into a state during a  
22 particular year.

23 And then the row across the top is a total for all the  
24 states each year. And the totals on the right are totals  
25 across the state for all the years.

1           So they're a set of subtotals within the cell, and then  
2 across the top and the side additional subtotalling for the  
3 grand total in the upper right-hand corner.

4       **Q.**   And the grand total for hydrocodone for  
5 AmerisourceBergen is what, sir?

6       **A.**   8,814,700,230.

7       **Q.**   And then each of the states in the following vertical  
8 column, vertical rows below that are state by state totals?

9       **A.**   Yes.

10           MR. MOUGEY: Your Honor, plaintiffs move Exhibit  
11 44723 into evidence.

12           MR. MAHADY: Same objection, Your Honor.

13           THE COURT: All right.

14       BY MR. MOUGEY:

15       **Q.**   Dr. McCann, 44726, same layout as the  
16 AmerisourceBergen and the Cardinal exhibits we just  
17 walked through, compilation nationwide?

18       **A.**   Yes, that's correct. It's the subtotal of the dosage  
19 units of hydrocodone shipped by McKesson into each state  
20 each year, and then further subtotaled by year and by state  
21 with a grand total in the upper right-hand corner.

22       **Q.**   And the grand total for McKesson for hydrocodone is?

23       **A.**   12,147,330,630.

24       **Q.**   And if you turn to Page 2, the total for West Virginia  
25 on the second row from the bottom across the entire ARCOS



1 time period for hydrocodone?

2 **A.** From McKesson 110,021,090 dosage units.

3 MR. MOUGEY: Your Honor, plaintiffs move Exhibit  
4 44726 into evidence.

5 MR. SCHMIDT: Same objection as before, also the  
6 objection that this was not a disclosed demonstrative or  
7 exhibit in his expert report.

8 THE COURT: All right. The objection is shown on  
9 the record and I'll reserve my ruling for the reasons  
10 previously stated.

11 MR. MOUGEY: Thank you, Your Honor.

12 BY MR. MOUGEY:

13 **Q.** Dr. McCann, 44731. We've flip-flopped between  
14 McKesson and AmerisourceBergen, but is this the same  
15 layout as the prior slide, prior compilations we just  
16 reviewed, Dr. McCann?

17 **A.** I apologize. I don't think you've changed it on the  
18 screen.

19 **Q.** Thank you. There we go.

20 **A.** Yes, that's correct.

21 **Q.** All right. AmerisourceBergen, oxycodone; correct?

22 **A.** Yes.

23 **Q.** All right. And the grand total for the ARCOS time  
24 period for ABDC and oxycodone across the U.S. is?

25 **A.** 6,130 -- I'm sorry -- 6,137,854,790 dosage units.

1       **Q.**     And the State of West Virginia from AmerisourceBergen  
2       total for oxycodone during the ARCOS time period?

3       **A.**     66,184,285.

4               MR. MOUGEY: Your Honor, plaintiffs move Exhibit  
5       44731 into evidence.

6               MR. MAHADY: Your Honor, same objection on 1006,  
7       geographic scope, and lack of disclosure.

8               THE COURT: All right. The objection is shown for  
9       the record. I'll reserve my ruling.

10       BY MR. MOUGEY:

11       **Q.**     All right, Dr. McCann, one more, Exhibit 44734,  
12       McKesson oxycodone, same layout with the data that we  
13       just walked through?

14       **A.**     Yes, that's correct.

15       **Q.**     Total McKesson oxycodone for the ARCOS time period for  
16       all states '06 to '14?

17       **A.**     For oxycodone it was 11,272,938,250 dosage units.

18       **Q.**     And the State of West Virginia on the second page?

19       **A.**     116,528,380 dosage units.

20       **Q.**     And, Dr. McCann, let's go back to the totals that we've  
21       just covered on each of the charts for the -- each of the  
22       years of ARCOS on the top, on the compilation on the top.  
23       Okay?

24       **A.**     Yes.

25       **Q.**     Would you just -- if the Court wanted to see or

1 identify the increase in percentages across the state -- I'm  
2 sorry -- increasing dosage units across the country, either  
3 all of the states combined or state by state, will you walk  
4 the Court through how to use this compilation to do that?

5 **A.** Well, the row -- the columns are organized by year.  
6 And, so, for the nation, it's the first row. And you see  
7 the numbers increasing from 843 million to 990 million to  
8 1,161,000,000; and then as we go over peaking in 2013 at  
9 1,484,727,050 dosage units.

10 And you see a similar pattern for many of these rows  
11 which reflect individual states, including the West Virginia  
12 row which was second up from the bottom.

13 **Q.** All right. On the West Virginia total starting with  
14 2006, the total oxy shipped into West Virginia by  
15 AmerisourceBergen for the first year of the ARCOS data  
16 period is what, sir?

17 **A.** I apologize. I think I'm on a different exhibit. I'm  
18 on 44734.

19 **Q.** I screwed up the screen. I apologize.

20 **A.** There you have it.

21 **Q.** Thank you. All right. Let's do that again. I  
22 apologize.

23 Starting in 2006 in West Virginia the oxycodone  
24 shipments from McKesson, would you just walk the Court  
25 through on each of these defendants how the Court can look

1 at year to year to year in West Virginia to see the  
2 proportional increases?

3 **A.** Sure. This example is for McKesson's shipments of  
4 oxycodone. And the dosage units increased from looking  
5 second row up from the bottom under the 2006 column  
6 10,206,440, 11,819,160, 13,408,960. And then as we go  
7 further to the right peaking on this table at 15,109,160 in  
8 2014.

9 **Q.** Dr. McCann, the increase from 2006 to 2014 is a  
10 percentage just roughly?

11 **A.** Very close to 50 percent, not quite 50 percent.

12 MR. MOUGEY: Your Honor, I don't have anything  
13 further with Dr. McCann -- I apologize. Plaintiffs move  
14 44734 into evidence subject to the same objections.

15 MR. SCHMIDT: Same objections, including lack of  
16 disclosure.

17 THE COURT: Same ruling. Go ahead.

18 MR. MOUGEY: Your Honor, I don't have anything  
19 further for Dr. McCann at this time. I think what the issue  
20 is is kind of where we started three, four, five days ago  
21 about the volume of 1006s and some of the issues that we  
22 had. So -- that Mr. Mahady raised, in addition to the issue  
23 that he's raised since then.

24 What -- you obviously have given them an opportunity to  
25 cross prior to introducing these exhibits. I would ask for

1 some leniency from Your Honor before I pass the witness. I  
2 just wanted to, to steal Mr. Mahady's phrase, put a pin or a  
3 marker down that depending on what they raise on cross with  
4 some of the preliminary issues of having these 1006s  
5 introduced, I may need to, to go back into some of the  
6 details that we've carved down today depending on what the  
7 cross is. So I'm more than happy to pass the witness --

8 THE COURT: Well, we'll cross that bridge when we  
9 get to it.

10 MR. MOUGEY: I just wanted to make sure I just  
11 pointed that out, Your Honor.

12 THE COURT: Do you have something, Mr. Mahady?

13 MR. MAHADY: Yes, Your Honor, just a point of  
14 clarification.

15 I understand that the plaintiffs may need to revisit  
16 something when they redirect the witness. But I'm concerned  
17 what Mr. Mougey is saying is that when Dr. McCann comes back  
18 in a couple weeks for phase two that they intend to raise  
19 issues about the ARCOS data with him again.

20 And the reason I have that concern is that Mr. Mougey  
21 told me a few days ago that that was his intention to ask  
22 the Court.

23 And we feel very strongly that Dr. McCann is here today  
24 to testify to the ARCOS data and his analysis of the ARCOS  
25 data. Phase two, which is clearly laid out in the parties'

1 stipulation, relates to his flagging methodology. They are  
2 completely separate. It's why the plaintiffs asked for him  
3 to be bifurcated.

4 So to the extent they have questions about the ARCOS  
5 data or the underlying data for distribution, those  
6 questions need to be asked in phase one and we strongly  
7 object to any of that coming up again in phase two.

8 THE COURT: Well, you separated it in two. You  
9 ought to finish with part one, shouldn't you?

10 MR. MOUGEY: I agree, Your Honor, but I also --  
11 Mr. Mahady is objecting to something I haven't even raised,  
12 Your Honor.

13 So what I asked for was a little leniency. Mr. Mahady  
14 insisted that I get these number of exhibits down. I did.  
15 I have -- at this point, I just want to have a window into  
16 what the complaint is rather than with the 1006s.

17 THE COURT: Well, I'm not in a position to commit  
18 to you on that, Mr. Mougey. I've got to wait and see what  
19 happens.

20 MR. MOUGEY: I haven't even asked for it, Your  
21 Honor. Mr. Mahady is objecting to something I haven't even  
22 asked for.

23 THE COURT: Well, you asked for leniency for  
24 something.

25 MR. MOUGEY: I just said -- all I'm asking is when

1 I go to pass, pass the witness with the understanding that  
2 you've given the other side the opportunity to cross prior  
3 to introducing these exhibits. And I might -- depending on  
4 what they're --

5 THE COURT: You get, you get to redirect him if  
6 there's room for you to legitimately do that, Mr. Mougey.

7 MR. MOUGEY: I understand that. I understand.

8 THE COURT: Okay.

9 MR. MOUGEY: That's all -- that's the only point  
10 I'm making and I'm certainly not at this point, not seeing  
11 what the cross is or what the issues are with -- as you  
12 know, Your Honor, we've been trying to frame this 1006 for  
13 two months. I'm just making sure that's -- I haven't asked  
14 to bring Dr. McCann back, so I don't think that's ground we  
15 need to plow at this point.

16 THE COURT: Okay.

17 I've got a couple questions for you, Dr. McCann.

18 THE WITNESS: Yes, Your Honor.

19 THE COURT: The analysis you've given here, if I  
20 understand it, is based on the ARCOS data for 2006 to 2014  
21 and data supplied by the defendants for that period and also  
22 periods before and after 2006 to 2014. Is that right?

23 THE WITNESS: That's 99 percent of the data.  
24 There is a little bit of information taken from two or three  
25 other government sources that are publicly available.

1           The DEA has an NDC dictionary it's called. The FDA has  
2           a dictionary of labelers. The CDC has just a single-page  
3           description and set of factors for MME conversion, and the  
4           Census Bureau.

5           So it's primarily the data you described, 99.9 percent,  
6           but a little bit of supplement from these other government  
7           sources.

8           THE COURT: And you explained all that at the  
9           beginning of your testimony?

10          THE WITNESS: Yes, Your Honor.

11          THE COURT: And I just had you explain it again.

12          THE WITNESS: That's my pleasure.

13          THE COURT: All this data you use, is it of a type  
14          reasonably relied upon by experts in your field when forming  
15          opinions such as the ones you've expressed in your  
16          testimony?

17          THE WITNESS: Yes, absolutely.

18          THE COURT: Okay.

19          Mr. Mahady, you may cross-examine.

20          MR. MAHADY: Your Honor, for timing purposes, I  
21          understand you have something at noon. What time do you  
22          want us out of here?

23          THE COURT: Well, I've got to take a plea at noon  
24          and it will take a half hour to 45 minutes. I don't see any  
25          reason why we can't just press on and go to noon or close to



1 it, Mr. Mahady.

2 MR. MAHADY: Sure.

3 Good morning, Your Honor.

4 CROSS EXAMINATION

5 BY MR. MAHADY:

6 Q. Dr. McCann, my name is Joe Mahady. I represent  
7 AmerisourceBergen along with my colleagues here at  
8 counsel table. It's nice to meet you.

9 A. Good to meet you, Mr. Mahady.

10 Q. I'm going to go first. I'm going to ask you some more  
11 general questions, some questions specific about  
12 AmerisourceBergen, and then I suspect you'll have questions  
13 from Cardinal Health and McKesson corporation.

14 I want to start making sure I understand your  
15 background and the opinions you're testifying to in this  
16 case.

17 Dr. McCann, you're an economist; correct?

18 A. Yes.

19 Q. You're not an epidemiologist?

20 A. Correct.

21 Q. You're not a medical doctor?

22 A. Correct.

23 Q. You're not a pharmacist?

24 A. Correct.

25 Q. You're not an expert on medical need for prescription

1       opioids; right?

2       **A.**     Correct.

3       **Q.**     And you have not studied the medical needs for Cabell  
4       County or the City of Huntington; correct?

5       **A.**     Correct.

6       **Q.**     And you cannot tell this Court how many prescription  
7       opioids should have been distributed to Cabell County or the  
8       City of Huntington; correct?

9       **A.**     Correct.

10      **Q.**     You cannot say whether or not all the charts you showed  
11      over the last day and a half show over-supply or  
12      under-supply; correct?

13      **A.**     Correct.

14      **Q.**     Now, your expert practice is primarily related to  
15      security litigation; correct?

16      **A.**     Over my entire career, that's correct.

17      **Q.**     Okay. And before you were retained by the plaintiff  
18      lawyers, you had never worked with the ARCOS data?

19      **A.**     Correct.

20      **Q.**     Okay. And you don't believe anyone on your team that  
21      you described the other day had worked with the ARCOS data  
22      either; correct?

23      **A.**     Correct.

24      **Q.**     And, so, in the 600 or so cases where you've testified  
25      as an expert, none of them had anything to do with ARCOS

1 data; correct?

2 **A.** No, I would include in that list six or seven opioid  
3 related cases that I have filed expert reports in, had  
4 depositions taken, or testified at hearings.

5 **Q.** Okay. And all six or seven cases that you're referring  
6 to there, those all relate to the most recent wave of opioid  
7 litigation; correct?

8 **A.** Correct.

9 **Q.** And separate from those, the other 594, none of them  
10 involved the ARCOS data; correct?

11 **A.** Correct.

12 **Q.** Okay. And, so, as it relates to your understanding and  
13 interpretation of the ARCOS data, when your team was  
14 retained by the plaintiffs' lawyers, you all were pretty  
15 much starting from scratch; right?

16 **A.** With respect to the specifics of the ARCOS data, yes,  
17 not starting from scratch literally, but we were not  
18 familiar with the details of the ARCOS data.

19 **Q.** Okay. Thank you. And I want to talk a little bit now  
20 about what is ARCOS and just make sure I understood your  
21 testimony.

22 The ARCOS data, that is from the system where  
23 manufacturers and distributors report transactions of  
24 certain controlled substances to the DEA; correct?

25 **A.** Correct.

1 Q. Okay. The data goes to the DEA at its most basic  
2 terms; right?

3 A. That's my understanding, yes.

4 Q. And it's coming from AmerisourceBergen, McKesson, and  
5 Cardinal Health; right?

6 A. Correct.

7 Q. And you understand that the United States Drug  
8 Enforcement Administration is our federal regulator;  
9 correct?

10 A. There may be other regulators that you're subject to,  
11 but my understanding is that you're subject to DEA  
12 regulation, yes.

13 Q. Okay. But they are our primary federal regulator as it  
14 relates to our distribution of controlled substances; right?

15 A. That's my understanding.

16 Q. And they are also a federal regulator overseeing the  
17 very pharmacies that we shipped to in Huntington/Cabell;  
18 correct.

19 A. I'm not particularly familiar with pharmacy regulation.  
20 I understand that there's a significant amount of state  
21 regulation of pharmacies. And, so, I don't know whether I  
22 would agree with you that they're the primary regulator of  
23 pharmacies.

24 Q. Okay.

25 A. But, but I do understand that they're your primary

1 regulator.

2 **Q.** Okay. And for a pharmacy to dispense controlled  
3 substances, they have to be licensed by the DEA; right?

4 **A.** That's my understanding, yes.

5 **Q.** Okay. And, so, at a minimum, the DEA is one of the  
6 licensing bodies for the pharmacies in Cabell County and the  
7 City of Huntington; correct?

8 **A.** I don't know if it's referred to as licensing. They  
9 have to be registered with the DEA and they have a DEA  
10 registrant number. I don't know if they're described as  
11 licensed by the DEA or not.

12 **Q.** Okay. That's fine. And to be clear, in all of your  
13 analysis, you did not find any evidence that  
14 AmerisourceBergen, McKesson, or Cardinal distributed to  
15 unlicensed pharmacies; right?

16 **A.** Correct.

17 **Q.** Okay. Now, a lot of the charts that we've looked at  
18 over the last few days have been aggregate numbers, whether  
19 it be by month, by year, statewide. That's not what the  
20 ARCOS data shows; correct?

21 **A.** No, I disagree with that. These are subtotals of what  
22 the ARCOS data detail has in it. So this is, in fact, what  
23 the ARCOS data shows at a subtotal level, not down to the  
24 individual transaction of which there's nearly 500 million  
25 in the data we got.

1 Q. Okay. That's fair. But the ARCOS data itself, what is  
2 in the database? It's transaction level detail. Right?

3 A. Correct.

4 Q. And there's 500 million of them?

5 A. Correct.

6 Q. Okay. And on a weekly or monthly basis,  
7 AmerisourceBergen, Cardinal, and McKesson were transmitting  
8 that information to the DEA in real-time; right?

9 A. I don't know about in real-time. But back in the day,  
10 as you said, weekly or perhaps monthly, I think the ARCOS  
11 handbook describes the period as monthly, but it might be  
12 more or less frequent than that.

13 Q. Okay. But the -- let's just take a month, March, 2006.  
14 The data that you reviewed in the ARCOS database for March,  
15 2006, that was reported by AmerisourceBergen in or around  
16 March, 2006; right?

17 A. I believe in April of 2006. I don't believe in March  
18 of 2006. But that's just based on my read of the ARCOS  
19 handbook which describes the submission as being in sort of  
20 a batch process at the beginning of the month submission of  
21 the shipments from the prior month.

22 But whether that practice changed over time to be more  
23 frequent or more continuous, I don't know. It's just what's  
24 described in the ARCOS handbook.

25 Q. Okay. But you don't know specifically because you've

1 never worked with the ARCOS data before; correct?

2 **A.** No, I don't think they connect that way. I don't know  
3 because I didn't work for AmerisourceBergen during that time  
4 period or for the DEA.

5 If I had worked with the ARCOS data five years ago, I  
6 still wouldn't know in March of 2006 whether the data was  
7 reported weekly or reported at the beginning of April, which  
8 is what's implied by the ARCOS handbook.

9 **Q.** And that's fine. So your understanding is that the  
10 March, 2006, data for AmerisourceBergen was reported in  
11 April of 2006. Is that fair?

12 **A.** That's my general read of the ARCOS handbook, yes.

13 **Q.** Okay. And, so, the data that you summarized from 2006  
14 was available to the DEA in 2006-2007; right?

15 **A.** Virtually all of it, yes.

16 **Q.** Okay. And the same is true for 2007. The data that  
17 you analyzed and summarized for this Court from 2007, that  
18 data was in the DEA's possession in 2007-2008; right?

19 **A.** Virtually all of it.

20 **Q.** Okay. And, so, while you were hired to testify in 2021  
21 about what that 2006-2007 data shows, that 2006-2007 data  
22 has been in the possession of the DEA for the last 13 or 14  
23 years. Right, Dr. McCann?

24 **A.** That's correct.

25 **Q.** Okay. Now, you also testified yesterday about how you

1 determined that the ARCOS data and the transactional data  
2 produced by the defendants was reliable; correct?

3 **A.** Correct.

4 **Q.** And one way you did that was to compare the ARCOS data  
5 produced by the DEA in the opioid litigation against the  
6 transactional data produced by the defendants in this very  
7 litigation; correct?

8 **A.** Correct.

9 **Q.** And so I understand what you did, you compared the  
10 company's internal records of what they shipped into  
11 Huntington/Cabell versus what the DEA had in its files about  
12 what the company shipped to Huntington/Cabell; correct?

13 **A.** Correct.

14 **Q.** And to use your words from yesterday, you determined  
15 that the records match up virtually perfectly; correct?

16 **A.** Correct.

17 **Q.** Okay. And I believe for AmerisourceBergen it was  
18 99.9 percent; right?

19 **A.** Correct.

20 **Q.** Okay. And, so, at its most basic terms, what that  
21 means is that everything AmerisourceBergen -- every pill  
22 AmerisourceBergen shipped into Cabell County and the City of  
23 Huntington for the period from 2006 to 2014 was reported to  
24 its federal regulator, the United States Drug Enforcement  
25 Administration; right?



1       **A.**     Correct.

2       **Q.**     They had it all?

3       **A.**     What do you mean by it all?

4       **Q.**     The DEA had all that data.

5       **A.**     Correct.

6       **Q.**     And it's had it all along; right?

7       **A.**     That's my general understanding. I don't have  
8       first-hand knowledge of that. But the data that was  
9       produced to me by the DEA in 2018 reflects the same  
10      transactions in 2006 and 2007 that your internal data  
11      produced in discovery reflect.

12      **Q.**     Okay. And you -- in addition to determining that the  
13      DEA's records were complete and reliable, you determined  
14      that AmerisourceBergen's internal transactional data was  
15      complete and reliable as well; right?

16      **A.**     They're really interchangeable. I have been talking  
17      about the ARCOS data supplemented with defendant transaction  
18      data. Virtually everything I've said could be rhetorically  
19      framed slightly differently.

20             I could say that all of my analysis is on the defendant  
21      transaction data produced in discovery supplemented with a  
22      little bit of ARCOS data where there were some missing  
23      transactions in the defendant data.

24             So I believe they're interchangeable. I believe  
25      they're both reliable.

1       **Q.**    Okay.  Thank you.  And we have spent a lot of time on  
2       this chart which I'm going to refer to throughout my  
3       questioning as the matrix.  Okay?  I think that's a term I'm  
4       taking from Mr. Farrell.

5               This matrix was prepared using the DEA's data; right?

6       **A.**    That's correct.

7       **Q.**    Okay.  And, so, if we were to take, say, SafeScript  
8       Pharmacy #6, January, 2006, 38,100 dosage units from  
9       AmerisourceBergen and oxycodone, you're getting that from  
10      the DEA's files?

11      **A.**    Correct, not that number precisely, but the numbers  
12      that subtotal up to that number, that's correct.

13      **Q.**    Okay.  And the reason that 38,100 figure is in the  
14      DEA's files is because AmerisourceBergen told the DEA that  
15      we shipped 38,100 dosage units of oxycodone to SafeScript  
16      Pharmacy #6 in January of 2006; right?

17      **A.**    Not in that form, but in, in detail that would add up  
18      to that number.

19      **Q.**    Right.  So AmerisourceBergen actually gave the DEA more  
20      detail than what this figure shows; right?

21      **A.**    I don't know if that means the same import, but  
22      certainly the numbers are more disaggregated than the  
23      subtotal that's reflected on that exhibit.

24      **Q.**    Okay.  So we didn't just tell them how much we reported  
25      that month.  We told them how much we reported on the days

1 we shipped. Correct?

2 **A.** Correct.

3 **Q.** And the amount we shipped on those days?

4 **A.** Correct.

5 **Q.** Okay. And the strength that we shipped on those dates;  
6 right?

7 **A.** At least something that could be -- the NDC code could  
8 be used to determine the strength. There is a strength  
9 field, but that's different than the strength of the pill.

10 **Q.** Okay.

11 **A.** It's -- I won't explain it. It's a different field.  
12 It's labeled strength, but it's different than 5-milligram  
13 or 10-milligram. But the NDC code would allow someone, as  
14 it allowed me, to figure out what the, what the strength is  
15 in terms of 5- or 10-milligram pills.

16 **Q.** Okay. And, so, when Mr. Mougey walked you through this  
17 chart and asked you to describe the amount of pills we  
18 shipped in January, 2006 versus January of 2010, that's  
19 something the DEA could have done as well; right?

20 **A.** I don't know what their internal capabilities were, but  
21 I know that they had the transactions records that you  
22 submitted. They, as I said, matched what you produced in  
23 discovery here.

24 **Q.** Okay. But neither you or your counsel or both describe  
25 this chart as simple math; right?

1       **A.**    It is simple math.  It's just subtotals really.

2       **Q.**    Okay.  And do you think the DEA is capable of doing  
3       simple math?

4       **A.**    Again, I'm -- I don't know what their capabilities  
5       were.

6       **Q.**    Okay.  But you, you could know what their capabilities  
7       are because you have spoken to a number of current and  
8       former DEA people during the course of this litigation;  
9       right?

10      **A.**    Correct.

11      **Q.**    Okay.  And you've talked to James Rafalski who is the  
12      plaintiffs' expert in this case; correct?

13      **A.**    Yes.

14      **Q.**    And you've talked to Joe Rannazzisi as well; right?

15      **A.**    Correct.

16      **Q.**    All right.  Have you shared with those individuals your  
17      conclusion that the distributor defendants disclosed all  
18      shipments of opioids into Cabell County and the City of  
19      Huntington with the DEA in real-time?

20      **A.**    I didn't accept your characterization of real-time a  
21      few minutes ago, but if you take that out and just say over  
22      time as shipments were occurring, I would, I would answer,  
23      no, I have had very limited discussions with Mr. Rafalski  
24      and virtually none with Mr. Rannazzisi, but not literally  
25      none.  So when you asked me if I had spoken to them, I said

1 "yes."

2 **Q.** Okay. I just want to clear up this real-time thing  
3 real quick because it's an important point.

4 Do you recall testifying in this case that the  
5 distributor defendants were reporting the ARCOS data to the  
6 DEA in real-time?

7 **A.** I don't recall if I used that phrase "real-time." I  
8 may have. But what I meant certainly was not as it was  
9 shipped the same instant it was being reported the way, for  
10 instance, a security trade is.

11 I was meaning that on a monthly basis, or approximately  
12 a monthly basis back through time, the distributors were  
13 reporting their shipments to the DEA. If I used the term  
14 "real-time," I didn't mean literally real-time the way  
15 securities transactions are reported, but I meant  
16 approximately within, within a month. My, my understanding  
17 was at the beginning of each month, the previous month's  
18 shipments were reported.

19 **Q.** Okay. So what you're saying is there may have been a  
20 month lag, but that's really it?

21 **A.** No more than a month lag.

22 **Q.** Okay. Are you aware that since, I believe, 2007 in  
23 addition to the ARCOS reporting, AmerisourceBergen has been  
24 reporting to the DEA all of its opioid transactions on a  
25 daily basis?

1       **A.**    No, I, I did not know whether there was a change in the  
2       frequency of the reporting.

3       **Q.**    Okay. Circling back to your conversations with Mr.  
4       Rafalski and Mr. Rannazzisi, I believe you testified that  
5       you did not tell them that you did a virtually perfect job  
6       with their ARCOS reporting; correct?

7       **A.**    I apologize. Could you ask me that again? My chair is  
8       squeaking and sometimes it overwhelms your voice.

9       **Q.**    That's fine. I've got to talk louder I guess.  
10       You did not tell Mr. Rannazzisi or Mr. Rafalski that  
11       the three distributor defendants here did a virtually  
12       perfect job when it comes to ARCOS reporting for this  
13       jurisdiction; correct?

14       **A.**    I don't know about the characterization of a nearly  
15       perfect job. But if you're referring to the 99.9 percent  
16       overlap between the ARCOS data provided by the government  
17       and your internal transactions, I didn't convey that to them  
18       myself, although it's reflected in my expert report which  
19       they may have reviewed. So they may have gotten that  
20       information from me through my expert report.

21       **Q.**    Okay. You understand that Mr. Rannazzisi has been  
22       retained by plaintiffs' lawyers in the opioid litigation?

23       **A.**    Yes.

24       **Q.**    And you understand that he's been fairly critical of  
25       the three distributor defendants over the last few years?

1       **A.**    I don't know one way or another. I haven't seen any of  
2       his testimony. I haven't read any of his transcripts. And  
3       I don't recall having read any expert reports. So I don't  
4       know what his testimony has been.

5       **Q.**    Okay. You have not seen him on the national news  
6       talking about distributors?

7       **A.**    No.

8       **Q.**    Okay. Have you ever asked him what, if anything, his  
9       DEA did with all the data that we provided him?

10      **A.**    There's some characterizations in that question I, I --  
11      going to the meat of the question, no, I don't, I don't  
12      recall having any such discussion with him where that topic  
13      would have come up.

14      **Q.**    Are you interested to know what his DEA did with all  
15      the information we sent him year after year, month after  
16      month?

17      **A.**    I have some public policy interest in my history and  
18      I'm, I'm interested in, in public policy. So I would be  
19      interested in that. But it would be outside the scope of  
20      my, my work as an expert in this case.

21      **Q.**    That's fair. But at least as it relates to the  
22      distributor defendants reporting to the DEA, there was  
23      complete transparency with what we shipped into Cabell  
24      County and the City of Huntington and our disclosures to the  
25      DEA. Right?

1       **A.** By complete transparency if you mean that you reported  
2       your shipments, the answer is "yes."

3       **Q.** We reported all of the shipments; right?

4       **A.** Correct.

5       **Q.** Okay. Let's talk a little bit about the other  
6       mechanism you used to verify the accuracy of the ARCOS data.  
7       And that's the DEA's quarterly reports.

8               Do you recall testifying about the ARCOS Retail Drug  
9       Summary Reports, Dr. McCann?

10      **A.** Yes.

11      **Q.** Okay. And I believe you testified that they are  
12      published by the DEA using the information reported by the  
13      distributors; correct?

14      **A.** Correct.

15      **Q.** These reports are public?

16      **A.** Correct.

17      **Q.** These reports are on the DEA's website?

18      **A.** Correct.

19      **Q.** And they are there for anyone in this courtroom or  
20      around the country or around the world to click on to  
21      review?

22      **A.** If you know where to find them, they're there, yes.

23      **Q.** Okay. And you can find them pretty quickly on a quick  
24      Google search; right?

25      **A.** Yeah, if you know what you're looking for. It takes a



1 minute to find them, but you can find them.

2 **Q.** Okay. And I believe based on your testimony, these  
3 reports have been published since at least 1997; correct?

4 **A.** Yes. If I said it that way, I perhaps should have said  
5 it slightly differently. I see the data covering periods  
6 back to 1997. Whether, you know, they were back-filled,  
7 first published in 1998 and it included 1997 data, I don't  
8 recall that particular detail. But the, the data from 1997  
9 forward is published, or was published at one point.

10 **Q.** Published and public; right?

11 **A.** Correct.

12 **Q.** All right. And what the DEA is publishing with these  
13 quarterly reports are -- I think you said this -- the  
14 quantity of opioids distributed to a specific zip code;  
15 right?

16 **A.** Close. It's -- so the way the report is laid out, it  
17 is first by drug; and then for the drug, it's by state; and  
18 then within the state, it's by three-digit zip code.

19 So the shipments are by drugs, the three-digit zip  
20 codes in a calendar quarter.

21 **Q.** Okay.

22 **A.** Sometimes that three-digit zip code might cross state  
23 borders. And, so, you would have the same zip code show up  
24 twice in the table, one in one state -- once in one state  
25 and once in the adjoining state. So it's a little bit more

1 complicated, but close to what you said.

2 **Q.** Okay. Thank you for the clarification. I appreciate  
3 it.

4 I want to pull up the chart that you created using the  
5 quarterly reports for zip code 255 and 257.

6 Dr. McCann, do you recognize this as the chart that you  
7 prepared using the quarterly reports?

8 **A.** Yes.

9 **Q.** And the metric here is MME; right?

10 **A.** Yes.

11 **Q.** And what is MME?

12 **A.** Morphine milligram equivalent.

13 **Q.** Okay. And morphine milligram equivalent -- I'm just  
14 going to stick with MME because I will get that wrong --  
15 that is not in the ARCOS data produced by the DEA in this  
16 case; right?

17 **A.** Correct.

18 **Q.** You calculated MME?

19 **A.** Correct.

20 **Q.** And you calculated MME based off of the equations that  
21 you got from the CDC website; right?

22 **A.** And the calculated base rate in grams in the ARCOS  
23 data.

24 **Q.** Okay. And, again, you created this chart using the  
25 publicly available information; correct?

1       **A.**     Correct.

2       **Q.**     All right. This chart, 255 and 257, covers a broader  
3       geographic area than just Cabell County and City of  
4       Huntington; right?

5       **A.**     Correct.

6       **Q.**     All right. Let me pull up the map. All right. So  
7       here you've got Cabell County and the City of Huntington,  
8       but this chart covers this whole period; correct?

9       **A.**     Correct.

10      **Q.**     All right. If we can go back to the chart, please.

11             I just want to look at a couple things on the chart and  
12      tell me if you agree.

13             Based off of this chart which shows distribution by all  
14      distributors, not just the three defendants, the  
15      distribution of oxycodone and hydrocodone steadily increased  
16      from the late '90s to a peak in about 2009; correct?

17      **A.**     Correct.

18      **Q.**     And then we see a notch in 2014?

19      **A.**     Correct.

20      **Q.**     And then a pretty steady decline in 2016 forward;  
21      correct?

22      **A.**     Correct.

23      **Q.**     All right. I'm checking my time here. I'll keep  
24      going.

25             Dr. McCann, you have also performed a fair amount of

1 per capita analysis; correct?

2 **A.** Correct.

3 **Q.** And if you have Plaintiffs' Exhibit P-44711 before you,  
4 can you pull that out? I believe it's the slide deck that  
5 looks like this.

6 MR. MOUGEY: Mr. Mahady, would you show me?

7 MR. MAHADY: This one (indicating).

8 MR. MOUGEY: Thank you.

9 THE WITNESS: I'm sorry. I might have shuffled  
10 some papers here.

11 MR. MAHADY: That's all right.

12 Your Honor, may I approach?

13 THE COURT: Yes.

14 MR. MAHADY: It was the first deck.

15 THE WITNESS: Okay. I apologize. The number  
16 again, Mr. Mahady?

17 BY MR. MAHADY:

18 **Q.** It's P-44711. Let's hold on that. We'll figure it  
19 out during the lunch break. I'm going to jump to  
20 somewhere else and we can come back to it.

21 **A.** I'm sorry. I did find it if you want to --

22 **Q.** You did?

23 **A.** I did.

24 **Q.** Put it to the side. We'll come back.

25 All right. I want to talk to you briefly, and we're

1 going to search for another document, about SafeScript  
2 Pharmacy #6. And, so, Dr. McCann, that's P-44758.

3 **A.** Yes.

4 **Q.** All right. Now, I want to turn to the page that's  
5 stapled that shows the three distributors to SafeScript #6.

6 If you could pull that up on the screen, please,  
7 P-44758.

8 Okay. There we go, if we could go to the next page,  
9 please. Keep going, please. Keep going. All right.  
10 There's a lot more to that document. I believe it's Page 6.  
11 Okay. There we go.

12 Dr. McCann, this was based off of your analysis of the  
13 ARCOS data; correct?

14 **A.** Yes.

15 **Q.** And what your analysis showed is that  
16 AmerisourceBergen, Miami-Luken, and Anda, Inc., all serviced  
17 SafeScript Pharmacy #6 at some point during the period from  
18 2006 to 2014; correct?

19 **A.** Correct.

20 **Q.** Okay. Now, AmerisourceBergen was not provided  
21 Miami-Luken's distribution numbers at the time Miami-Luken  
22 was servicing SafeScript #6; correct?

23 **A.** I don't know what AmerisourceBergen knew or didn't know  
24 as it was shipping these dosage units to SafeScript.

25 **Q.** But as a general matter, a distributor knows what they

1 ship to a pharmacy; correct?

2 **A.** Unless they know in some other way what other  
3 distributors are shipping to that pharmacy, that would be  
4 correct.

5 **Q.** Okay. And if you assume that the distributors do not  
6 share their distribution data with each other, the DEA is  
7 the only one that has the complete picture of who is  
8 servicing the pharmacy; correct?

9 **A.** No, that wouldn't be correct.

10 **Q.** Who else has a complete picture that AmerisourceBergen,  
11 Miami-Luken, and Anda were all servicing SafeScript #6?

12 **A.** Well, SafeScript #6 obviously.

13 **Q.** Fair point. Beyond SafeScript #6 and the DEA, no one  
14 else had a complete picture of the distribution to  
15 SafeScript #6; correct?

16 MR. MOUGEY: Objection, calls for speculation.

17 THE COURT: Overruled, if he knows.

18 THE WITNESS: Again, I don't think that you can  
19 say that. We don't know whether SafeScript did or would  
20 have shared that information with AmerisourceBergen,  
21 Miami-Luken, or Anda. So whether, whether it's only the DEA  
22 and SafeScript #6 that knows who's shipping to SafeScript #6  
23 may or may not be true.

24 BY MR. MAHADY:

25 **Q.** Okay. You understand that the distributor

1 defendants have been asking the DEA for access to the  
2 ARCOS data for over a decade?

3 **A.** No.

4 **Q.** Okay. And, so, you don't know that the DEA refused to  
5 provide access to the ARCOS data to the distributor  
6 defendants?

7 **A.** Correct. I don't know that.

8 **Q.** Okay. Could you turn to the bar chart, please, Page  
9 Number 10. Okay. You prepared this chart; correct, Dr.  
10 McCann?

11 **A.** Yes.

12 **Q.** And at its most basic terms, what this chart shows is  
13 that for every year from 2007 through 2012  
14 AmerisourceBergen -- this is -- I'm sorry. Let me back up.  
15 This is all distributors' distribution to SafeScript, not  
16 just AmerisourceBergen; correct?

17 **A.** Correct.

18 **Q.** But what this chart shows is that for the period from  
19 2007 through 2012, SafeScript's -- the distribution of  
20 oxycodone to SafeScript was decreasing every year?

21 **A.** Correct.

22 **Q.** And the peak was in 2007, some 14 years ago; right?

23 **A.** Correct.

24 **Q.** And the peak distribution for hydrocodone was 14 years  
25 ago as well?

1       **A.**     Correct.

2       **Q.**     And with the exception of a slight uptick in 2011, the  
3       hydrocodone distribution to SafeScript #6 has been  
4       decreasing since 2007; correct?

5       **A.**     I would say it a little differently. It hasn't been  
6       decreasing since 2007. It decreased between 2007 and early  
7       2012 and then stopped all together.

8       **Q.**     Okay. Can you pull out your matrix? I just have a  
9       couple questions here. Let me know when you have it and  
10      I'll tell you where I'm going to focus.

11      **A.**     I'm sorry. Can you give me the folder number for the  
12      matrix?

13      **Q.**     Sure. It's P-43225.

14      **A.**     Yes, I have it.

15      **Q.**     Okay. I want to direct your attention to the  
16      AmerisourceBergen chart for oxycodone distribution for  
17      SafeScript Pharmacy #6 in the 2011 time period. To make  
18      life a little bit easier for everyone, I believe we pulled  
19      it out.

20             Okay. We can begin while we wait for that to come up.

21             Dr. McCann, how much oxycodone did AmerisourceBergen  
22      distribute to SafeScript Pharmacy in June of 2011?

23      **A.**     42,240 dosage units.

24      **Q.**     And in July, 2011?

25      **A.**     35,000 dosage units.



1 Q. And in August, 2011?

2 A. 44,700 dosage units.

3 Q. Okay. In September of 2011 there is a material drop in  
4 SafeScript's -- or AmerisourceBergen's distribution of  
5 oxycodone to SafeScript Pharmacy #6; correct?

6 A. Not in September. In September it went up. But in  
7 October it looks like it dropped.

8 Q. In September I'm seeing 27,900 on your chart.

9 A. I apologize. I need to get a straight edge. But, yes,  
10 you're right.

11 Q. Okay. And, so, we do see a material drop in September  
12 and we remain below 30,000 in October; correct?

13 A. Correct.

14 Q. And at no point after August, 2011, does SafeScript's  
15 distribution -- or AmerisourceBergen's distribution to  
16 SafeScript approach the 44,700 figure again; correct?

17 A. Correct. The highest it got was 35,200 in the  
18 remaining four or five months.

19 Q. Okay. There we go. Thank you.

20 I just want to show you one document that the  
21 plaintiffs used in their opening.

22 MR. MAHADY: Ms. Pierce, if you can give me  
23 SafeScript's email, please.

24 May I approach the witness, Your Honor?

25 THE COURT: Yes.

1 THE WITNESS: Thank you.

2 BY MR. MAHADY:

3 Q. Dr. McCann, let me know when you've had a chance to  
4 read this document.

5 MR. MAHADY: For the record, this is document  
6 stamped AM-WV-01473.

7 THE WITNESS: Yes, I see this.

8 BY MR. MAHADY:

9 Q. Okay. And, Dr. McCann, in July of 2011, according  
10 to this email, SafeScript sent a threshold increase  
11 request for oxycodone products; correct?

12 A. Well, that's not how I would characterize the email  
13 that I just read. It appears to be at the bottom, anyway,  
14 an email from SafeScript to Amerisource. And reading  
15 between the lines, it appears to be SafeScript responding to  
16 some concerns that AmerisourceBergen has.

17 Q. Okay. But if you look at the top email, it says, "The  
18 customer has been adjusted and is now set at the maximum  
19 they can receive for this product." Correct?

20 A. Correct.

21 Q. All I want to ask you is -- this is August of 2011.  
22 Just from your analysis of the ARCOS data, after August,  
23 2011, SafeScript's purchasing for oxycodone actually went  
24 down; correct?

25 A. This email seems to have been effective.

1 Q. Effective in lowering SafeScript's purchasing; correct?

2 A. Correct.

3 Q. Okay. Now, before we break for lunch, I just want to  
4 go over again a couple of things that you've testified about  
5 already.

6 Dr. McCann, to process the data and analyze the data  
7 that you turned into charts, you obtained some information  
8 from various government agencies; correct?

9 A. Correct.

10 Q. And you pulled information from the CDC; right?

11 A. Correct.

12 Q. The Census Bureau?

13 A. Correct.

14 Q. And CMS?

15 A. Correct.

16 Q. And the FDA?

17 A. Correct.

18 Q. And all of that data that you pulled, or that  
19 information that you pulled was used to supplement the ARCOS  
20 data that you used to create your charts; correct?

21 A. I, I hesitate because I'm just trying to make sure that  
22 all of those supplements were used in at least one version  
23 of the charts that I presented, and all of that data, all  
24 that additional government data. I think it was all used  
25 one place or another.

1           There are many -- there are some charts and tables that  
2           don't involve anything but the, the ARCOS data maybe with  
3           the NDC dictionary from the DEA. But there are other charts  
4           and tables that used data from the Census Bureau, the CMS,  
5           the CDC, and the FDA as you suggest.

6           **Q.**    Okay. And wherever you showed us a chart that involved  
7           the per capita analysis, that included information from the  
8           Census Bureau; right?

9           **A.**    Correct.

10          **Q.**    That population -- those population figures, you cannot  
11          find that in the ARCOS database; right?

12          **A.**    Correct.

13          **Q.**    And you cannot find those in AmerisourceBergen's  
14          transactional data; right?

15          **A.**    Correct.

16          **Q.**    Same for Cardinal?

17          **A.**    Correct.

18          **Q.**    Same for McKesson?

19          **A.**    Correct.

20          **Q.**    And in the ARCOS data itself, there's no field that  
21          says what an average is for a pharmacy, whether it be in the  
22          nation, the State of West Virginia, or Cabell-Huntington.  
23          That's math that you and your team performed; right?

24          **A.**    Right. It's very simple subtotals and, and averages,  
25          correct.

1       **Q.**     Okay.  How, how long was the piece of code that you  
2       used to calculate what AmerisourceBergen's average  
3       distribution was to a pharmacy in the United States?

4       **A.**     Well, I'm not sure if it would be one line or two  
5       lines.  It might be three lines of code.  Once you have  
6       sub-setted the data down to AmerisourceBergen's shipments to  
7       retail and chain pharmacies, it's something you could do on  
8       Excel with a simple formula.

9             And, so, I'm not sure -- the code that would be  
10       required to do that calculation is one or two lines.  It  
11       reads in the data for the shipments of AmerisourceBergen to  
12       every pharmacy, and it does a simple average calculation.

13       **Q.**     Okay.  But that was a code that you and your team had  
14       to create; right?

15       **A.**     Correct.

16       **Q.**     And that was to generate an output that showed  
17       averages; correct?

18       **A.**     Correct.

19       **Q.**     But I can't go into the ARCOS data that you received  
20       from the DEA and filter it to show me an average for  
21       AmerisourceBergen's distribution nationwide; right?

22       **A.**     Well, really close.  When you would filter it for those  
23       shipments, you would then just sum up the numbers in what's  
24       left in the column after you've done the filtering and  
25       divide by the number of items in the column.

1           So it's true that you have to do that little bit of  
2           fifth grade math, but you would have to do that, yes.

3       **Q.**    You have no idea where I was in fifth grade. It's more  
4           like seventh grade I think for me.

5           MR. MAHADY: All right, Your Honor, I'm at a  
6           pretty good breaking point, but I'll do whatever you want.

7           THE COURT: Well, I've got to take a plea at noon,  
8           so I think it would be appropriate to quit now.

9           MR. MAHADY: Okay. Thank you, Your Honor.

10          THE COURT: We'll be in recess until 2:00.

11          (Recess taken at 11:48 a.m.)

12          THE COURT: All right. Mr. Mahady, you may  
13          resume.

14          MR. MAHADY: Good afternoon, Your Honor.

15          Good afternoon, Dr. McCann.

16          BY MR. MAHADY:

17       **Q.**    Dr. McCann, I want to pivot now and talk about the work  
18           you did with the ARCOS data. If I understood your testimony  
19           from yesterday, the first thing you did when you received  
20           the ARCOS data before you conducted any analysis was to  
21           process the ARCOS data, correct?

22       **A.**    Yes, very broadly speaking. I think all the first  
23           steps could be described as processing.

24       **Q.**    Okay. But then you conducted your analysis of the  
25           ARCOS data, right?

1     **A.**   Well, limited to kind of summaries of the data,  
2     subtotals and that sort of thing. We didn't do any  
3     statistical analysis or drawing any inferences beyond those  
4     subtotals.

5     **Q.**   Okay. And I believe you testified yesterday that the  
6     subtotals you calculated to show a distributor defendant's  
7     distribution volume was based on Transaction Code S; is that  
8     correct?

9     **A.**   I apologize. I didn't catch the last couple of words.

10    **Q.**   Sure. The subtotals that you calculated to show a  
11    distributor defendant's distribution was based on the  
12    Transaction Code S in the ARCOS data, correct?

13    **A.**   Correct.

14    **Q.**   And just so I'm clear, the matrix that we've spent a --  
15    spent a lot of time talking about, that's based off of  
16    Transaction Code S, correct?

17    **A.**   Correct.

18    **Q.**   And it does not include other transaction codes, right?

19    **A.**   Correct.

20    **Q.**   And the various charts and tables that Mr. Mougey  
21    walked you through, those also are all based entirely off of  
22    Transaction Code S, correct?

23    **A.**   Yes, I think so. I'm not aware of any other  
24    transaction that would be included except those that are  
25    identified with an S.

1 Q. Okay. Dr. McCann, I want to show you Appendix 3 of  
2 your expert report. Dr. McCann, have you been given a copy?

3 A. No.

4 Q. You're the most important person to have it.

5 A. Thank you.

6 Q. Dr. McCann, do you recognize this as Appendix 3 to your  
7 expert report that you issued in this case?

8 A. Yes.

9 Q. Okay. And if we start in the left column, that lists  
10 the transaction codes that appear in the ARCOS data produced  
11 by the DEA, correct?

12 A. Correct.

13 Q. And in the second column, it shows the percentage of  
14 transactions in the ARCOS data that relate to that  
15 transaction code, correct?

16 A. Correct.

17 Q. And the third column shows impact on inventory, and  
18 what that is saying is that where you see a negative, that  
19 shows a reduction in inventory, correct?

20 A. Correct.

21 Q. And where you see a plus sign, that shows an increase  
22 in inventory, correct?

23 A. Correct.

24 Q. And all of your analysis, as you just testified, was  
25 based off of the Transaction Code S, which I'm going to



1 totally botch this, but let me see if I can move it. No.

2 Okay, good start.

3 So, all of your analysis, as you testified, was based  
4 off of the Transaction Code S, correct?

5 **A.** Correct.

6 **Q.** All right. That makes up 88.43% of the transactions in  
7 the ARCOS data that you received from the DEA, right?

8 **A.** Correct.

9 **Q.** And the reason you focused on Transaction Code S was  
10 because it would show a reduction in the distributors'  
11 inventory when they shipped opioids to their customers,  
12 correct?

13 **A.** No, that's not why I focused on S. It's because the S  
14 Transactions reflect shipments from distributors to --  
15 primarily to dispensers.

16 **Q.** Okay.

17 **A.** But, as a result, that shipment results in a reduction  
18 of the inventory of the distributor.

19 **Q.** Okay. I think we're saying roughly the same thing, but  
20 let me try and clarify. Transaction Code S shows a shipment  
21 from the distributors to their customers, correct?

22 **A.** Correct.

23 **Q.** And when you did your analysis, you did not consider  
24 the 3.84% of the transactions that were destroyed?

25 **A.** It's not a matter of not considering. I considered

1       them. We recognized them. We calculate them to be 3.8% of  
2       the transactions, but we didn't -- we didn't include them in  
3       the subset of the data that reflect shipments from  
4       distributors to -- and manufacturers, for that matter, to  
5       dispensers.

6       **Q.**    Okay. And you also did not include in that analysis  
7       the Transaction Code P, 7.14% percent of the transactions  
8       which are purchased or received, correct?

9       **A.**    Correct, and I can explain, if you want.

10      **Q.**    I'm okay for now.

11             And you also did not include the .55% of the  
12      Transaction Code R in the ARCOS data for return, correct?

13      **A.**    Correct.

14      **Q.**    And the same is true for V, unsolicited return, .03%,  
15      correct?

16      **A.**    Correct.

17      **Q.**    So, when we look at your charts, they do not reflect  
18      100% of the ARCOS data? At most, they reflect 88.43% of the  
19      ARCOS data, correct, Dr. McCann?

20      **A.**    Correct.

21      **Q.**    Okay. Now, sticking with the third column, impact on  
22      inventory, the S Transaction has a negative impact on the  
23      inventory of, say, a distributor, correct?

24      **A.**    Correct.

25      **Q.**    Okay. So, for example, if AmerisourceBergen were to

1 ship 5,000 oxycodone units and it has a transaction code of  
2 S, that reflects a 5,000 dosage unit reduction in  
3 AmerisourceBergen's inventory, right?

4 **A.** It may not. It may be a shipment from one  
5 AmerisourceBergen DEA number to another AmerisourceBergen  
6 DEA number. So, it shows up in the data as both an S and a  
7 P Transaction and then that effect is no change in  
8 AmerisourceBergen's overall inventory.

9 **Q.** Okay. I appreciate the clarification. Let's stick  
10 with AmerisourceBergen to a pharmacy. If AmerisourceBergen  
11 ships 5,000 dosage units of oxycodone to a pharmacy in  
12 Cabell County, that would be reflecting a negative impact on  
13 inventory, correct?

14 **A.** Correct.

15 **Q.** And this is how the DEA tracks the distribution of  
16 opioids in the United States, pluses and minuses, and they  
17 can keep an eye on which registrants have what inventory,  
18 correct?

19 **A.** I don't know what the DEA does internally with this  
20 data.

21 **Q.** Okay. But this is the purpose of the ARCOS database,  
22 to track the inventory of opioids as they move through the  
23 system, right?

24 **A.** I don't know if that's correct either, whether it is to  
25 track as it moves through the system, as you just said, or

1 to have an audit trail, if you will, to go back and  
2 investigate shipments after the fact, or for some other  
3 purpose.

4 **Q.** Okay. Dr. McCann, are you aware that sometimes opioid  
5 shipments are returned or re-acquired by a wholesale  
6 distributor from their pharmacy customer?

7 **A.** Yes.

8 **Q.** Okay. But you did not consider those in your analysis,  
9 correct?

10 **A.** We did. We investigated that and I don't recall --  
11 early on, and I don't recall exactly the reason, but we --  
12 we ended up deciding that the -- that the R Transactions  
13 should not be offset against the S Transactions. And I  
14 apologize. As I'm sitting here, I don't recall why, why  
15 that was the case.

16 **Q.** Okay. So, you consciously made the decision not to  
17 include product returning to the wholesale distributors as  
18 an offset against the amount of dosage units they shipped;  
19 is that your testimony here today?

20 **A.** That's my recollection. I would have to check, but  
21 there might be some instances where the negatives from the  
22 pharmacy's perspective, the shipment back to a distributor  
23 was included. They're -- they're really diminimous, but I  
24 don't recall now exactly the decision we made with respect  
25 to that a couple of years ago.

1       **Q.**     Okay.  What's your definition of diminimous?

2       **A.**     Well, so, for instance, what was described as  
3       corrections and exclusions and incorrectly described it in  
4       an objection yesterday amounts to, in my view, two one  
5       hundredths of 1% of the total MME in the data and so, that's  
6       clearly diminimous.

7               MR. SCHMIDT:  Your Honor, I don't know which  
8       objection he's referring to, but it's not appropriate for  
9       the witness to be jousting on objections and whether he  
10      thinks they're correct or not, so I will ask that that be  
11      stricken.

12             THE COURT:  Sustained.

13             THE WITNESS:  I apologize.

14             So, if the -- if the amount is so small that it does  
15      not show up in what I think of as the rounding error of any  
16      of the calculations that we did, then I would describe that  
17      as diminimous from the perspective of my data analysis.

18      **Q.**     Okay.

19      **A.**     There may be a legal definition that's different than  
20      that, but the inclusion of the R Transactions didn't have --  
21      wouldn't have had any meaningful impact on any of the  
22      conclusions that I reached or the calculations that I made.

23      **Q.**     Okay.  Are you aware that distributors sometimes used  
24      the P Transaction Code interchangeably with the R  
25      Transaction Code?

1     **A.**    I'm not aware of that.  It's not consistent with *The*  
2     *ARCOS Handbook*.  The vast majority of the P Transactions are  
3     not as you described.  They're a distributor recording a  
4     transaction where they received drugs from a manufacturer or  
5     a distributor DEA registrant facility receiving drugs from  
6     another distributor's facility.  That's the -- that's  
7     virtually all of the -- the P Transactions.

8     **Q.**    Okay.  Did you analyze the ARCOS data to see if the  
9     distributors recorded any P Transactions showing product  
10    being received back from a pharmacy?

11   **A.**    I don't recall.

12   **Q.**    Okay.  And whether it's P, or R, or V, it all has the  
13    same impact on AmerisourceBergen's inventory, correct?  It  
14    would show a product being received or returned to  
15    AmerisourceBergen and having a positive impact on its  
16    inventory, correct, Dr. McCann?

17   **A.**    No, that's not correct.  The vast majority of the P  
18    Transactions are receipts from manufacturers or receipts  
19    from other perhaps AmerisourceBergen's own distribution  
20    centers.

21   **Q.**    Okay.  Dr. McCann, did you review AmerisourceBergen's  
22    transactional data to see whether or not the transactional  
23    data reflected any returns from pharmacies in Cabell or  
24    Huntington?

25   **A.**    Yes, although I don't recall -- I don't -- I just don't

1 recall the results of that review other than our conclusion  
2 that it was diminimous and should not be included in the  
3 subset that I summarized.

4 **Q.** Okay. And so, your testimony here today is that the  
5 returns, if any, in AmerisourceBergen's transactional data  
6 that you relied on for your expert report and expert  
7 testimony, they were diminimous?

8 **A.** That's correct.

9 **Q.** Okay. Dr. McCann, I want to turn to the pharmacy  
10 packet that you testified to regarding McCloud Pharmacy.  
11 It's P-44754. And, specifically, Dr. McCann, I want to  
12 begin by looking at Page 12. Dr. McCann, do you have this  
13 up?

14 **A.** I do, yes.

15 **Q.** Okay. And do you recall testifying about this chart  
16 yesterday during the plaintiffs questioning?

17 **A.** Yes.

18 **Q.** Okay. Dr. McCann, is there any month in that chart  
19 that stands out more than the other ones as it relates to  
20 ABDC's distribution in blue?

21 **A.** Yes. There's one -- one spike and a couple much lower  
22 values.

23 **Q.** Okay. I want to focus on the spike and, to do so, I  
24 want to go back and look at the matrix for the late 2011  
25 time period for McCloud Pharmacy. And to help, I believe

1 we've culled it out on the screen. Okay. And this, Dr.  
2 McCann, is P-43225.

3 And we're talking about hydrocodone. Okay. Now, that  
4 spike, if we were to locate it on your matrix, is October of  
5 2011, correct?

6 **A.** Correct.

7 **Q.** And the reason that spike is so prominent on the chart  
8 is because in August, 2011, McCloud -- or AmerisourceBergen  
9 distributed 27,400 dosage units of hydrocodone to McCloud  
10 Pharmacy and, in September, they distributed 24,500 dosage  
11 units of hydrocodone to McCloud; but then, in October, your  
12 matrix shows that AmerisourceBergen's distribution to  
13 McCloud Pharmacy was 57,720 dosage units of hydrocodone,  
14 correct?

15 **A.** Correct.

16 **Q.** Okay. Prior to testifying here today and giving expert  
17 opinion on the accuracy of this chart, did you look to see  
18 if there was any explanation in the ARCOS data or the  
19 transactional data about the nature of that spike?

20 **A.** No.

21 **Q.** Okay. Dr. McCann, I want to take a look at both the  
22 ARCOS data that you and your team processed and  
23 AmerisourceBergen's transactional data for October, 2011.

24 Dr. McCann, to assist the Court, I'm going to pull up a  
25 demonstrative.



1 MR. MOUGEY: Mr. Mahady, would you please just  
2 identify what this is from and what this is?

3 MR. MAHADY: Sure. We can give you the page  
4 numbers. One second.

5 All right. So, the ARCOS data is Dr. McCann's as to  
6 the ARCOS data. The transactional data is ABDC-MDL-01911460  
7 and it's on Dr. McCann's list of reliance materials. I  
8 think --

9 MR. MOUGEY: Is it on your list of documents  
10 you're using today?

11 MR. MAHADY: We do not have to exchange the list  
12 of documents we're using on cross.

13 COURT REPORTER: I'm sorry. Could you repeat  
14 that? I'm having trouble hearing you, Mr. Mahady.

15 MR. MAHADY: We do not have to exchange the list  
16 of documents we intend to use with Dr. McCann on cross.

17 MR. ACKERMAN: So, Your Honor, we'd voice an  
18 objection. If you look at Paragraph --

19 COURT REPORTER: I'm sorry, sir --

20 MR. ACKERMAN: I'm sorry. David Ackerman. I  
21 apologize. It's Page 6 of ECF 1029, which is the parties'  
22 stipulation on exhibits. There is a paragraph that says  
23 "cross examination documents" and that paragraph reads, "The  
24 parties must include on their exhibit lists all exhibits  
25 they intend to use on cross examination other than for

1 purposes of impeachment or rebuttal and if they don't have  
2 it on their exhibit list, they disclose it at 7:00 p.m. the  
3 day prior to their expected use at trial." This document  
4 was not disclosed last night.

5 MR. MAHADY: Your Honor, first, this is being used  
6 for impeachment. Second, the transactional data is on  
7 AmerisourceBergen's exhibit list. So, I request permission  
8 to proceed with my questioning.

9 MR. MOUGEY: Your Honor, this isn't -- this is not  
10 impeachment, and it was not on the exhibit list, and if  
11 we're going to hold each other to the rules, as they've held  
12 us repeatedly to the rules, I think we all need to stick to  
13 it.

14 THE COURT: How is it impeachment?

15 MR. MAHADY: It goes to his credibility, what he  
16 considered and what he didn't, and it is on our exhibit  
17 list. This is the spreadsheet that he cites in his expert  
18 report as his reliance materials and he has repeatedly  
19 testified that he made an expert determination that R  
20 transactional data is highly reliable and we're just asking  
21 the witness if he considered certain transactions in R -- in  
22 both his ARCOS data and R transactional data. I mean, they  
23 don't -- the plaintiffs don't want us to ask the question  
24 because they don't like the line of questioning.

25 THE COURT: Well, I think it arguably is

1 impeachment and I'm going to overrule the objection.

2 You go ahead, Mr. Mahady.

3 MR. MAHADY: Thank you, Your Honor.

4 **Q.** Okay. Dr. McCann, I'm going to pull up a demonstrative  
5 right now that contains a subset of entries that appear in  
6 both the ARCOS data and the transactional data that you  
7 analyzed in this case. Do you see that demonstrative, Dr.  
8 McCann?

9 **A.** I do, yes.

10 **Q.** Now, I want to first begin with the ARCOS data. In the  
11 month --

12 MR. MOUGEY: I apologize, Mr. Mahady. Would you  
13 please point us to the source document of where we are?

14 (Discussion held off the record)

15 BY MR. MAHADY:

16 **Q.** We can start with the transactional data because I  
17 think that's slightly more manageable. Dr. McCann, you were  
18 provided what looks like a printout from Excel Spreadsheet  
19 and, at the top, it has Bates label ABCD-MDL-01911460. Do  
20 you see that, Dr. McCann?

21 **A.** Yes.

22 **Q.** Okay. Now, I want you to go down to Row 35 and I  
23 actually want you to turn to the next page so we can confirm  
24 that we're talking about McCloud Family Pharmacy.

25 **A.** Yes.

1 Q. Okay. And do you -- do you recognize this data as  
2 generally what AmerisourceBergen's transactional data looked  
3 like?

4 A. Yes.

5 Q. Okay. And Row 35, hydrocodone, on October 18th, 2011,  
6 it has a -1 for quantity shipped, correct?

7 A. Yes.

8 Q. And if we go back to Column G, item size, it has an  
9 item size of 100, correct?

10 A. Yes.

11 Q. And so, just based on AmerisourceBergen's transactional  
12 data that you relied on in this case, 100 dosage units were  
13 returned to AmerisourceBergen from McCloud Family Pharmacy  
14 on October 18th 2011, correct?

15 A. I don't know. I would have to investigate this a  
16 little bit further, but that's what it looks like.

17 Q. Okay. And if you go down to Tab 40, 41 and 42 and move  
18 over to column N, we see three additional transactions  
19 showing negative quantity shipped, correct?

20 A. Correct.

21 Q. And on October 21st, there shows a -12 quantity shipped  
22 with an item size of 500, correct?

23 A. Correct.

24 Q. And 12 -- -12 times 500 is -6,000, correct?

25 A. Correct.

1 Q. And if you look at the next row, that shows a -10  
2 quantity shipped and 500 item size for a -5,000, correct?

3 A. Correct.

4 Q. And if we go to the next row, there's a -4 quantity  
5 shipped, item size 1,000, correct?

6 A. Correct.

7 Q. Now all three of those transactions based off of  
8 sitting here today look like returns to AmerisourceBergen  
9 from McCloud Family Pharmacy in October of 2011, correct?

10 A. Correct.

11 Q. Okay. And Row 46, lastly for October, there's a -1  
12 quantity shipped, item size 100, for an additional return of  
13 100 dosage units of hydrocodone, correct?

14 A. Correct.

15 Q. Okay. And, Dr. McCann, you testified that you and your  
16 team did not consider these returns when you were preparing  
17 your charts and summaries, correct?

18 A. I would have to confirm that, but I -- I believe that's  
19 correct.

20 Q. Okay. And when we add up the returns in ABDC's  
21 transactional data, we see 100, -4 x 1,000, 4,000.00 and -10  
22 x 500, 5,000 and -12 x 500, 6,000 and -1, 100, for a return  
23 in the month of October of 15,200 dosage units from McCloud  
24 Pharmacy to AmerisourceBergen, correct?

25 A. Correct.

1       **Q.**   And that 15,200 offsets the 57,200 in your matrix,  
2       correct?

3       **A.**   I'd have to check, but based on this document that  
4       you've shown me, that seems to be correct.

5       **Q.**   Okay. We can go to the McCloud Family Pharmacy  
6       demonstrative. Okay. So, for the month of October, you did  
7       not consider the 15,200 dosage units of hydrocodone that  
8       were returned to AmerisourceBergen from McCloud Pharmacy,  
9       you just established, correct?

10      **A.**   I would have to check, but I believe that's correct.

11      **Q.**   And your analysis also did not consider the 7,000  
12      dosage units of hydrocodone that were returned in November  
13      of 2011, correct?

14      **A.**   Again, I would have to check, but your document  
15      reflects a negative quantity that month.

16      **Q.**   Okay. And that was not part of your analysis?

17      **A.**   I believe that's correct.

18      **Q.**   Okay. Now, we talked a little bit about diminimus  
19      earlier, but what percentage of 57,720 is 15,200?

20      **A.**   It's about -- it's a little bit more than 20%.

21      **Q.**   Okay.

22      **A.**   Between 20 and 25%.

23      **Q.**   And a 20% overstatement of AmerisourceBergen's  
24      distribution to McCloud Family Pharmacy in October of 2011  
25      is not diminimus, right, Dr. McCann?

1     **A.**     That's not how I define diminimous. I didn't reach any  
2     conclusion based on that month. I said that it was, in my  
3     view, diminimous relative to all of the analysis, all of the  
4     analysis that we did, and I just have to go back and check,  
5     but I believe that would also be true for  
6     AmerisourceBergen's shipments to McCloud Family Pharmacy.

7     **Q.**     I appreciate that, but for the October, 2011 spike that  
8     you testified about yesterday, that 15,200 or greater than  
9     20% reduction is not diminimous, correct?

10    **A.**     I didn't testify about that spike yesterday, but I did  
11    testify about shipments to McCloud Pharmacy and 15,200, if  
12    that is correct, is -- I would not say it's diminimous  
13    relative to the 57,000 that month.

14    **Q.**     It's material.

15    **A.**     At least for that month. I didn't draw a conclusion  
16    based on that month, but in isolation, I would say yes.

17    **Q.**     Okay. I just want to go through a couple more months.  
18    Dr. McCann, by focusing on the S Transaction Code, you did  
19    not include the thousand dosage units that were returned in  
20    December, 2011 based on your understanding as you sit here  
21    today, correct?

22    **A.**     That's correct. I would have to go back and check, but  
23    my recollection is that we did not include the R  
24    Transactions, at least in most of our subtotals, because  
25    they are quite small.

1       **Q.**   And these transactions, they were noted as a P  
2       Transaction in the ARCOS data, and I'm happy to show you  
3       that, if you would like, Dr. McCann.

4       **A.**   Well, the ARCOS manual says that if they're actually  
5       returned, they should be coded R, not P.

6       **Q.**   Okay. But you have never practiced in the industry?  
7       You've never submitted a report to the ARCOS data, right?

8       **A.**   Correct.

9       **Q.**   Okay. You're just basing this off of a policy from  
10      1997, correct?

11      **A.**   No, I don't think so. I think that's a policy that  
12      continued. The ARCOS manual was on the DEA website until  
13      very recently. I don't know if it still is, but it was  
14      there still in that form very recently.

15      **Q.**   Okay, but as you testified this morning, the ARCOS data  
16      and AmerisourceBergen's transactional data are both highly  
17      reliable sources of information, right?

18      **A.**   Correct.

19      **Q.**   And even if it shows up in a P in the ARCOS data, that  
20      does not negate the fact that AmerisourceBergen's  
21      transactional data showed 15,200 dosage units in October,  
22      2011 being returned to AmerisourceBergen from McCloud Family  
23      Pharmacy, correct?

24      **A.**   There may be some inconsistency between the ARCOS data  
25      and AmerisourceBergen data for that pharmacy for that month.



1       **Q.** But AmerisourceBergen's transactional data that you  
2       relied on to form your opinions in this case definitively  
3       show 15,200 dosage units returning to AmerisourceBergen,  
4       correct?

5       **A.** I don't believe that it shows that definitively. As I  
6       said, I would have to look at this some more and compare it  
7       to the ARCOS data and try and understand why there's a  
8       difference between the AmerisourceBergen data and the ARCOS  
9       data which, in this case, has matched very closely.

10      **Q.** Okay. And in both the ARCOS data and the transactional  
11      data, there shows 15,200 dosage units being returned to  
12      AmerisourceBergen's inventory, correct?

13      **A.** That appears to be the case.

14      **Q.** Okay. When you testified yesterday that you narrowed  
15      down the ARCOS data to, quote, "what they were interested  
16      in", is this what you were referring to?

17      **A.** No. Well, what I was primarily referring to was two  
18      things, that each transaction where both sides is a  
19      reporting entity, so it could be two distribution facilities  
20      or a manufacturer and a distributor. Both of those  
21      transactions get reported; one is an S, one is a P.

22             Also, there are shipments that don't end up in  
23      commerce. So, the shipments that go to reverse distributors  
24      and then to analytical labs don't end up in commerce. And  
25      so, I -- with the instructions of the DEA staff, and the

1 former DEA agents, and the help of the ARCOS manual, we  
2 determined that those transactions that resulted in pills  
3 going into commerce were the S Transactions and to include  
4 the other transactions between, for instance, reverse  
5 distributors and analytical labs would -- would not  
6 accurately reflect the flow of opioids.

7 **Q.** Okay. And yesterday you testified that you talked to  
8 the DEA people for ten minutes, right?

9 **A.** Something like that.

10 **Q.** Okay.

11 **A.** I'm sorry, the current DEA people.

12 **Q.** Current.

13 **A.** Something like ten minutes, yes.

14 **Q.** And you've only talked to James Rafalski on a few  
15 limited occasions, as you've testified before, right?

16 **A.** Correct. Primarily early on when we first got the  
17 data.

18 **Q.** Okay. And I believe you've testified that you only  
19 said hello to Joe Rannazzisi at a lunch line at a meeting  
20 with the plaintiffs' lawyers, right?

21 **A.** I think that's correct.

22 **Q.** Okay. So, when you testified yesterday that this chart  
23 of McCloud Pharmacy accurately reflected AmerisourceBergen's  
24 distribution, that was not correct?

25 **A.** No. I believe it was correct. And I still believe it

1 was correct. What I described was the process of narrowing  
2 that data according to the manual and the information that  
3 we received from the DEA and former DEA agents to focus on  
4 the S Transactions, just as I explain in my expert report,  
5 and then summarized those S Transactions.

6 And, as I said, the R Transactions, we looked at them  
7 very carefully, but there's some -- some confusion in the  
8 interpretation of some of those R Transactions and the --  
9 and the magnitude of them is really quite small. You've  
10 identified one month where there are perhaps 20 or 25% of  
11 that month's shipments but, overall, there were a truly,  
12 truly tiny percent of the overall shipments.

13 **Q.** Okay. But for that one month, this chart is not  
14 accurate, correct? It does not show offsetting returns or  
15 product re-acquired by AmerisourceBergen, correct?

16 **A.** Those are two separate questions. I agree that they do  
17 not -- it does not reflect -- it appears to not reflect the  
18 15,200 units that AmerisourceBergen's transactional records  
19 seem to show were returned that month by that pharmacy, but  
20 they -- the chart accurately reflects the S Transactions  
21 from AmerisourceBergen to that pharmacy over the entire time  
22 period that the returns, even for this pharmacy, would  
23 likely be very tiny. They're tiny for the entire dataset.

24 **Q.** Okay. But the chart is not called S Transactions.  
25 It's called distribution.

1       **A.**     Correct.

2       **Q.**     Dr. McCann, you've had at least two federal courts  
3       question the accuracy and methodology of your expert  
4       calculations before, correct?

5       **A.**     I think one federal court, but you may have in mind  
6       something else.

7       **Q.**     Okay. Dr. McCann, do you recall testifying in an  
8       arbitration called *Morgan Keegan & Co. v. Garrett*?

9       **A.**     Yes.

10      **Q.**     Okay. And the District Court in that case vacated an  
11      arbitration award based on fraud, correct?

12      **A.**     Correct.

13      **Q.**     Okay. And you were the expert for the claimant in that  
14      arbitration, correct?

15      **A.**     Correct.

16      **Q.**     And after the District Court issued its opinion, you  
17      moved to intervene in the District Court case itself,  
18      correct?

19      **A.**     And to the Fifth Circuit, yes.

20      **Q.**     Okay. I want to pull up a document and show you.

21               MR. MAHADY: Your Honor, may I approach the  
22      witness?

23               THE COURT: Yes.

24               THE WITNESS: Thank you.

25               BY MR. MAHADY:

1 Q. Dr. McCann --

2 MR. MAHADY: If you could publish the document,  
3 please. Go to Page 1, please.

4 BY MR. MAHADY:

5 Q. Dr. McCann, have you seen this document before?

6 A. Yes.

7 Q. Okay. And this is the District Court for the Southern  
8 District of Texas's opinion on your Opinion on Intervention,  
9 correct?

10 A. Correct.

11 Q. And by way of background, the District Court explained  
12 that, in 2010, a group of investors arbitrated a claim  
13 against Morgan Keegan & Company, Inc. saying that it misled  
14 them about their investments in bond funds. Does that kind  
15 of refresh your recollection about what this case is about?

16 A. I don't need any refreshing.

17 Q. Okay.

18 A. I recall what this case is about.

19 Q. Okay. It goes on to say that, "The arbitration in  
20 August of 2010 included testimony from Craig McCann, the  
21 claimant's technical witness. In November of 2010, Morgan  
22 Keegan moved to vacate the award. One basis for vacating  
23 the decision was McCann's testimony." Did I read that  
24 correctly?

25 A. Yes.

1 Q. Okay. And it goes on to say that, "The Court found  
2 that he knowingly testified that his results were  
3 technically authentic and reliable when he then knew - as he  
4 later testified - that they were wrong." Correct?

5 A. That's what he wrote.

6 Q. Dr. McCann, if you can turn to Page 3 where it says  
7 "McCann" and then we're going to turn to Page 4. Stay here,  
8 actually. So, when we get to the section about you, he says  
9 -- and just to be clear, you are the Craig McCann they're  
10 talking about in this case?

11 A. I am.

12 Q. Thanks. "Having voluntarily testified, he assumed the  
13 risk of an adverse evaluation by the court. A technical  
14 witness cannot accept money to testify for a party and then  
15 erase his presence because a court rejects his competence,  
16 coherence, or credibility." Did I read that correctly?

17 A. Yes.

18 Q. Okay. Turn to the next page. I want to start --

19 THE COURT: Was this the same, the judge who  
20 denied your motion to intervene, was it the same judge who  
21 made the critical findings of you in the same, in the case,  
22 or was that a different judge?

23 THE WITNESS: It was the same judge at the  
24 District Court level. The underlying case was a securities  
25 arbitration, a FINRA arbitration. The judge vacated the

1       award, it was a \$9.2 million award, on a couple of  
2       jurisdictional grounds and on what he said was knowingly  
3       false testimony by me. And he wrote that without a  
4       transcript of the underlying arbitration or evidentiary  
5       hearing. I spent a lot of my own money to try and intervene  
6       to get a day in this court.

7               THE COURT: Well, I understand that, but my  
8       question is simply was it the same judge in both  
9       proceedings?

10              THE WITNESS: Yes.

11              THE COURT: Judge Hughes?

12              THE WITNESS: The same judge in the -- the same  
13       judge in the District Court. He was not involved in the  
14       arbitration or in the Fifth Circuit opinion.

15              THE COURT: Right, but he was the same judge that  
16       issued the opinion on intervention; is that right?

17              THE WITNESS: Correct.

18              THE COURT: Okay.

19              BY MR. MAHADY:

20       **Q.** And, Dr. McCann, I want to turn back to the paragraph  
21       starting with "Ironically", and I'll read that paragraph.  
22       "Ironically, McCann has asked the Court to change its  
23       judgment to say that it merely did not believe his  
24       testimony. Of course, mere disbelief is categorically  
25       distinct from what the court did find - active, knowing

1 misrepresentation. No, the court will not dishonestly skew  
2 its decision to obscure the witness's actual behavior." Did  
3 I read that correctly?

4 **A.** Yes.

5 **Q.** And the Court then says, "He took a check, and he took  
6 an oath, but he was faithful to only one." Did I read that  
7 correctly?

8 **A.** You did.

9 **Q.** Dr. McCann, you appealed this order to the Fifth  
10 Circuit and the Fifth Circuit dismissed that appeal,  
11 correct?

12 **A.** No, that's not precisely how it happened. I filed a  
13 motion to appeal directly to the Fifth Circuit after the  
14 District Court opinion. The -- and I filed simultaneously a  
15 motion to intervene in the District Court directly.

16 Judge Hughes sat on my petition until after the Fifth  
17 Circuit ruled that I didn't have standing because I wasn't a  
18 party to the underlying arbitration and because I wasn't a  
19 lawyer. If I had been a lawyer, I would have had standing.

20 So, the Fifth Circuit denied me standing and then,  
21 Judge Hughes denied me a day in this court.

22 **Q.** Okay.

23 **A.** The story continued after that, of course, but that's  
24 where we are up to this point.

25 **Q.** Okay. And, Dr. McCann, the Fifth Circuit did vacate



1 the District Court's finding of fraud in the underlying  
2 case, correct?

3 **A.** I wouldn't say vacate. They reversed the judge on all  
4 grounds, including his comments about me, and they  
5 reinstated the \$9.2 million award.

6 **Q.** The Fifth Circuit opinion did not say that your  
7 testimony in the underlying case was correct. I think we  
8 can all agree that there was an issue with your testimony in  
9 your calculation in the arbitration, right?

10 **A.** It gets a little bit complicated, but there was a  
11 calculation unrelated to what the issue was that Morgan  
12 Keegan presented to the judge where, before the next  
13 arbitration, and before the award in this arbitration was  
14 rendered, I made Morgan Keegan aware of a change in the  
15 calculation that went in favor of the claimants and further  
16 against Morgan Keegan. And so, there is a calculation that  
17 is on an unrelated point that changed favorably for the  
18 claimant.

19 And what the Fifth Circuit said was any change in any  
20 -- that the calculations were on Morgan Keegan's data.  
21 There were calculations that I explained. There were  
22 calculations that were not -- any change, not intentional,  
23 and did not -- did not support any finding, any of the very  
24 harsh language that Judge Hughes used about me colloquially,  
25 and maybe with some emotion, I apologize, no respect, but

1 Judge Hughes just made up the things that he said about me.

2 **Q.** Okay. That's actually what the Fifth Circuit said, is  
3 that the other party could have discovered the error in the  
4 calculation at the time of the hearing, correct?

5 **A.** Well, and a lot more than that, but that was part of  
6 what they said. They said that in the body of the text and  
7 then they dropped a footnote and said that there was  
8 absolutely -- their exact language, I think, was a complete  
9 absence of any evidence that Dr. McCann knowingly gave false  
10 testimony.

11 **Q.** Okay. Eight days after that District Court issued its  
12 opinion on the order to intervene, a separate District Court  
13 in the Southern District of New York also criticized your  
14 analysis in a separate distinct case, correct?

15 **A.** Correct.

16 **Q.** Dr. McCann, I want to show you that case. Dr. McCann,  
17 you testified as an expert in this case, *In re: Federal*  
18 *Home Mortgage Corp. Securities Litigation*?

19 **A.** Yes.

20 **Q.** Okay. And this specific opinion here came during, I  
21 believe, the class certification --

22 **A.** Correct.

23 **Q.** -- stage? Okay. And you were the expert for the  
24 plaintiffs in this case?

25 **A.** Correct.

1       **Q.**   And if we turn to Page 6 of the opinion, and looking at  
2       the paragraph starting on the right after "listening", the  
3       Court's conclusion in that case where you testified was  
4       that, "After listening to the testimony of both experts and  
5       examining their study methods, I found Bajaj's testimony  
6       credible, reliable and persuasive. In contrast, McCann's  
7       analysis changed so many times in important ways and was so  
8       internally inconsistent that I found it unreliable and  
9       unpersuasive. After listening carefully to all of his  
10      testimony about his two inconsistent event studies, I could  
11      not credit his testimony, and I have serious reservations  
12      about the admissibility of such poorly supported opinions."  
13      Did I read that correctly?

14      **A.**   Yes.

15      **Q.**   Okay. And if we look on Page 7, the Court further went  
16      on to state, "McCann's testimony about the efficiency of the  
17      market was unreliable and unpersuasive. His first event  
18      study was deeply flawed." Did I read that correctly?

19      **A.**   Yes.

20      **Q.**   Okay. And you are the Craig McCann they're referring  
21      to in that opinion, correct?

22      **A.**   I am.

23      **Q.**   Okay. Dr. McCann, we talked this morning about -- or  
24      just now about the distribution calculations that you made  
25      for AmerisourceBergen, and before we move on from that, I

1 just want to go through the heading of this chart. And I  
2 think we can do it pretty quickly. You testified that this  
3 is based off of Transaction Code S, correct?

4 **A.** Correct.

5 **Q.** Okay. And so, you did not separately analyze  
6 AmerisourceBergen's transactional data or other transaction  
7 codes in the ARCOS to see if it would have an effect on the  
8 national -- the national figures, the West Virginia figures,  
9 or the Huntington-Cabell County figures, correct?

10 **A.** Separate from the other transaction codes that are in  
11 the ARCOS data, are you asking did I, separate from the  
12 ARCOS data, evaluate the codes in the AmerisourceBergen data  
13 to see if any discrepancies in those codes would have  
14 further affected the results?

15 **Q.** Let me state it differently. This matrix is based off  
16 of the S Transaction Code, correct?

17 **A.** Correct.

18 **Q.** And you did not review AmerisourceBergen's  
19 transactional data to see what, if any, impact it would have  
20 on the various averages and pharmacies identified on this  
21 matrix, correct?

22 **A.** Well, that's not quite right because we certainly  
23 compared the AmerisourceBergen data to the ARCOS data and  
24 where there was -- where there were transactions in the  
25 ARCOS data missing that could be found in the

1 AmerisourceBergen data, we supplemented the ARCOS data with  
2 the AmerisourceBergen data.

3 **Q.** But not to include returns, correct?

4 **A.** I'd have to just confirm that to be a hundred percent  
5 sure, but that's my understanding.

6 **Q.** But it did not include returns, right?

7 **A.** Correct.

8 **Q.** Okay. When we talk about a per capita figure, what you  
9 did was divide the distribution figure by a population base,  
10 right?

11 **A.** Correct.

12 **Q.** Okay. And you used the Census Bureau data to determine  
13 what population figure you would use, correct?

14 **A.** Correct.

15 **Q.** And for Cabell County and the City of Huntington, you  
16 used 99,946, correct? You can check. This is not a memory  
17 test.

18 **A.** I don't know where on the documents in front of me to  
19 find that, but there is a document somewhere with that  
20 population.

21 **Q.** Okay. And that was based off of the Census data?

22 **A.** Correct.

23 **Q.** Okay. And just to make this as simple as possible,  
24 that is the amount of -- those are the amount of individuals  
25 living in Cabell County and the City of Huntington, correct?

1       **A.**     That's how I would interpret it.

2       **Q.**     Okay. Did you do any analysis to determine whether or  
3       not that was an appropriate number to use for this case?

4       **A.**     It -- it's the -- the population statistics that I see  
5       used in other studies of per capita magnitudes, including  
6       per capita magnitudes of opioid shipments, I didn't question  
7       it. I'm not sure what other population measure you would  
8       suggest.

9       **Q.**     Okay. Well, are you aware that Huntington and Cabell  
10       are regional healthcare hubs for West Virginia?

11       **A.**     I've heard that said.

12       **Q.**     Okay. And you did look at the distribution data  
13       closely to see that AmerisourceBergen distributed hundreds  
14       of thousands of products to Cabell Huntington Hospital and  
15       St. Mary's, correct?

16       **A.**     I don't recall those names, but I recall that they  
17       shipped to hospitals.

18       **Q.**     Okay. And McKesson Corporation shipped to a VA  
19       Hospital in the geographic region, as well, correct?

20       **A.**     Correct. We talked about that a bit yesterday.

21       **Q.**     Okay. Now, did you have -- strike that. Did you look  
22       on the City of Huntington's website to see if it had any  
23       information about the City's role as a regional healthcare  
24       hub?

25       **A.**     No, not that I recall.

1       **Q.**     Okay. I just want to publish the City of Huntington  
2       website, the plaintiff in this case.

3             Okay. And, Dr. McCann, on the City of Huntington's  
4       website, it identifies Cabell Huntington Hospital and it  
5       says, "Cabell Huntington Hospital is a non-profit, regional  
6       referral center with 303 staffed beds. In 1956, Cabell  
7       Huntington opened and it now cares for patients from more  
8       than 29 counties throughout West Virginia, Eastern Kentucky,  
9       and Southern Ohio." Did I read that correctly?

10       **A.**     Yes.

11       **Q.**     Okay. And did you look at the Cabell Huntington  
12       Hospital publicly available LinkedIn page to see how it  
13       describes itself?

14       **A.**     No.

15       **Q.**     Okay.

16             MR. MAHADY: Can you please pull that up?

17             BY MR. MAHADY:

18       **Q.**     "Cabell Huntington Hospital is a not-for-profit,  
19       regional referral center located in Huntington, West  
20       Virginia. We care for patients from more than 29 counties  
21       throughout West Virginia, Eastern Kentucky, and Southern  
22       Ohio. We are the hospital of choice to over 50,000  
23       residents in our city and more than 360,000 regionally."  
24       Did I read that correctly?

25       **A.**     Yes.

1 Q. Okay. But you did not consider the fact that this area  
2 is a regional healthcare hub when you decided to use the  
3 Census Bureau data of 96,000, correct?

4 A. There seems to be a disconnect there, but I -- I used  
5 the Census Bureau data for population and not some -- not  
6 the population for some extended geography.

7 Q. Okay. But people that reside in that extended  
8 geography come to Cabell and Huntington to receive health  
9 care, correct?

10 A. That appears to be the case.

11 Q. And they can come to Cabell and Huntington to receive  
12 opioid prescriptions, correct?

13 A. Yes, I would expect so.

14 Q. And they can come to Cabell and Huntington to have  
15 their opioid prescriptions filled at pharmacies in  
16 Cabell-Huntington, correct?

17 A. I don't know personally, but in general, people can  
18 travel from outside Cabell and Huntington into Cabell and  
19 Huntington City. People from Cabell County and Huntington  
20 City can travel outside to other counties to get their  
21 prescriptions. Drugs travel.

22 Q. Okay.

23 A. I don't know the direction or the -- the net direction  
24 of any -- any travel of drugs here.

25 Q. Okay.



1 MR. MAHADY: Your Honor, I'm at a natural breaking  
2 point. Do you want me to keep going or do you want to take  
3 a quick break?

4 THE COURT: Well, we've only been at it about an  
5 hour.

6 MR. MAHADY: I can keep going.

7 THE COURT: Okay.

8 BY MR. MAHADY:

9 Q. Dr. McCann, just a couple of questions about the  
10 healthcare supply chain. Doctors write prescriptions,  
11 correct?

12 A. That's my understanding.

13 Q. And your understanding is that distributors like  
14 AmerisourceBergen, Cardinal and McKesson, they don't write  
15 prescriptions, correct?

16 A. That's my understanding.

17 Q. Okay. You have offered opinions over the last day and  
18 a half about the distributor defendants per capita  
19 distribution into Cabell and Huntington, correct?

20 A. Correct.

21 Q. And I believe you testified that dispensers received  
22 enough opioids for every resident in Cabell County and the  
23 City of Huntington, West Virginia to consume 142 dosage  
24 units every year from 2006 to 2014, correct?

25 A. I don't recall that number exactly, but there is such a

1 number on one of the exhibits that we looked at yesterday.

2 **Q.** Okay. Do you have this document? I think you located  
3 it earlier. It's P-44711. Looking at the page ending in  
4 03.

5 **A.** Yes, I see that number.

6 **Q.** Okay. And this chart, this chart reflects the per  
7 capita analysis that you did for the United States, West  
8 Virginia, and Cabell County, and City of Huntington,  
9 correct?

10 **A.** Correct.

11 **Q.** And I believe you testified yesterday that the per  
12 capita distribution in the City of Huntington and Cabell  
13 County was higher than the state average and even higher  
14 than the national average, correct?

15 **A.** Correct.

16 **Q.** Okay. Did you do any analysis to understand why that  
17 may be?

18 **A.** No.

19 **Q.** You have spoken with plaintiffs' expert Lacey Keller  
20 before, correct?

21 **A.** Correct.

22 **Q.** In fact, you've spoken and met with her on multiple  
23 occasions at various meetings, correct?

24 **A.** Yes, although very limited. Yes, but limited.

25 **Q.** Okay. Are you aware that Lacey Keller has been

1 retained as an expert by the plaintiffs in this case?

2 **A.** No.

3 **Q.** Okay. I want to show you some of the conclusions that  
4 Ms. Keller reached in the report that she issued on behalf  
5 of plaintiffs in this case.

6 MR. MOUGEY: Objection, Your Honor. There's no  
7 foundation to ask Dr. McCann about another expert's report  
8 and conclusions in that report.

9 MR. MAHADY: Your Honor, if I may? I'm sorry.

10 THE COURT: Well, it gives you a good faith basis  
11 to question him, but I don't know whether you can show him  
12 the report or not.

13 MR. MAHADY: Your Honor, Dr. McCann has repeatedly  
14 testified over the last day and a half that the distributor  
15 defendants per capita distribution into the City and the  
16 County was higher than state averages, than national  
17 averages. He also repeatedly testified that R distribution  
18 into Cabell County and the City of Huntington was higher  
19 than AmerisourceBergen's average distribution into West  
20 Virginia and even higher than the average distribution to  
21 the nation. I want to ask him if he considered the fact  
22 about prescribing and the two are obviously related,  
23 intertwined, and I have some limited questioning about those  
24 opinions.

25 MR. MOUGEY: Your Honor, that's far -- I've sat

1 here and listened to questions about Dr. McCann's background  
2 as a pharmacist, a medical professional. It's far outside  
3 the scope of what Dr. McCann was called to do. There's a  
4 series of other experts that are coming from both sides to  
5 hit on those facts. Way outside the scope of what Dr.  
6 McCann was called to opine on.

7 MR. MAHADY: Your Honor, I'm asking him if he  
8 considered the opinions in the report or if they explain the  
9 distribution figures that he's testified about repeatedly.

10 THE COURT: Well, you can ask him the question,  
11 but -- I'll let you ask the question you just posed and  
12 we'll see where we go from here, Mr. Mougey.

13 MR. MOUGEY: Thank you, Your Honor.

14 MR. MAHADY: Okay. Your Honor, may I approach the  
15 witness?

16 THE COURT: Yes. Well, what are you going to do  
17 now?

18 MR. MAHADY: Can I give him the document or no?

19 THE COURT: What's in your hand?

20 MR. MAHADY: The report --

21 THE COURT: Of the other --

22 MR. MAHADY: And she issued --

23 THE COURT: Of the other expert --

24 MR. MAHADY: Yes. And she issued --

25 THE COURT: Of Dr. Keller?

1 MR. MAHADY: Yes. And she issued --

2 THE COURT: Well, you can --

3 COURT REPORTER: Okay, I'm sorry. What --

4 THE COURT: -- use it as a good faith basis to  
5 question him, but I don't think you can show it to him.  
6 Isn't that right, Mr. --

7 MR. MOUGEY: I agree at the very -- at the least,  
8 yes, Your Honor.

9 THE COURT: All right. Ask him about it and don't  
10 show it to him.

11 MR. MAHADY: And, Your Honor, I'll just note that  
12 the plaintiffs use one of Dr. Keller's charts in their  
13 opening presentation.

14 THE COURT: Well, I don't remember that and I  
15 don't think there was an objection to it, so --

16 MR. MAHADY: Okay.

17 THE COURT: I'll let you start by doing what I  
18 told you I'd permit you to do and then we'll see where we go  
19 from there, Mr. Mahady.

20 MR. MAHADY: Okay.

21 BY MR. MAHADY:

22 Q. Dr. McCann, in analyzing the defendants' per capita  
23 distribution into Cabell County and the City of Huntington,  
24 did you consider the fact that opioid dosage units  
25 prescribed in Cabell County trended above state and national

1 averages every year?

2 **A.** Yes. It's reflected in the -- in the exhibits that I  
3 presented.

4 **Q.** Okay. And I'm talking about prescribing, not  
5 distribution.

6 **A.** Oh, I'm sorry. I don't have data on prescriptions  
7 written, so I don't have the ability to compare the  
8 prescriptions written or, for that matter, prescriptions  
9 filled on a prescription basis. So, I -- that can't be  
10 included in the data I presented summaries for.

11 **Q.** I'm asking if you considered it? Did you consider the  
12 fact that, in 2006, Cabell County ranked eighth in the  
13 entire nation for opioid prescribing per capita?

14 **A.** No, I didn't know that.

15 **Q.** Okay. Did you consider the fact that prescribed dosage  
16 units continued to rise after 2006 with dosage units in  
17 Cabell County peaking in 2009, when every resident of the  
18 county could have been prescribed nearly 160 dosage units  
19 each?

20 **A.** I didn't know that or the previous fact, but they're  
21 both consistent with the summaries that I presented on  
22 distribution, but these two items are not part of the data  
23 that I reviewed.

24 **Q.** Okay. And the fact that prescribing in Cabell County  
25 peaked in 2009 is entirely consistent with your countless

1 opinions that distribution peaked in 2009, correct?

2 **A.** Correct. That's what I say. They're two sides of the  
3 same coin.

4 **Q.** They are two sides of the same coin. And that's  
5 because prescribing in Cabell County drove distribution in  
6 Cabell County, correct?

7 MR. MOUGEY: Objection, Your Honor. Far outside  
8 the scope of what the -- Dr. McCann's opinions were on.

9 MR. MAHADY: Your Honor, he just testified that  
10 it's two sides of the same coin.

11 THE COURT: Yes. Overruled. You can ask him.

12 THE WITNESS: Which is driving which is, I think,  
13 a significant part of what the litigation is about, was that  
14 doctor behavior, and was that doctor behavior influenced by  
15 actions of the parties, or was it the actions of the  
16 manufacturers and distributors? I don't have an opinion one  
17 way or another other than to recognize that they're related.  
18 As I said, two sides of the same coin.

19 MR. MAHADY: Okay.

20 BY MR. MAHADY:

21 **Q.** AmerisourceBergen, Cardinal Health and McKesson did not  
22 write all of those prescriptions in 2009 in Cabell County,  
23 correct?

24 **A.** Correct.

25 **Q.** Those prescriptions were written by the doctors in

1 Cabell County, correct?

2 **A.** As you've explained the fact to me, yes.

3 **Q.** And you offered a lot of opinions about MMEs and MMEs  
4 rising. Did you consider the fact that not only was there  
5 an increase in prescriptions in Cabell County, but the  
6 prescriptions got progressively larger with more MMEs as  
7 time progressed?

8 **A.** Yes. We saw that in the various dosage strength charts  
9 that I put up yesterday and today where the -- the sort of  
10 -- for instance, the pink sections of the bars which  
11 represented 30-milligram pills grew over time, while the  
12 relative size of the lower dosage pills declined. So, it  
13 did appear that the higher dosage pills became more  
14 prevalent over time.

15 **Q.** Okay. And so, your charts are consistent with a  
16 finding that prescriptions for more powerful opioids were  
17 being written in Cabell County as time progressed, correct?

18 **A.** That's correct, or at least the distribution of higher  
19 strength opioids into Cabell County increased over time.

20 **Q.** Okay. And that distribution was used to fill the  
21 prescriptions that were written by the Cabell County  
22 doctors, correct?

23 **A.** I don't know who wrote the prescriptions, but accepting  
24 your representation that the prescriptions increased over  
25 time and those prescriptions were for higher strength drugs,



1 then I think logically those two go together.

2 **Q.** Okay. And while you may not know exactly who wrote  
3 those prescriptions, you do know that it wasn't  
4 AmerisourceBergen, McKesson or Cardinal Health, right?

5 **A.** Correct.

6 **Q.** Okay.

7 MR. MAHADY: Your Honor, I request permission to  
8 show the witness a chart from Dr. Keller's report. This  
9 chart shows MME -- shows prescriptions from 1997 to 2017 and  
10 it tracks it in MME. The reason I want to show the witness  
11 this chart is because we spent a lot of time looking at that  
12 orange and blue chart showing distribution over roughly the  
13 same exact time period in the same exact measurement, MME.

14 THE COURT: Is there any objection to this, Mr.  
15 Mougey?

16 MR. MOUGEY: Yes, sir. There continues to be. If  
17 Mr. Mahady has a question about this specific chart from  
18 this specific expert witness, he should ask Ms. Keller, Ms.  
19 Keller about it. Dr. McCann hasn't had any opportunity to  
20 review the chart, has already testified that he hasn't  
21 reviewed her report, has not looked at her methodologies,  
22 and to ask him to review that and provide testimony on it is  
23 improper, Your Honor.

24 MR. MAHADY: Your Honor, it's a pretty basic  
25 chart. If he can't explain it, I will accept that but, you

1 know, he's already testified that prescribing and  
2 distribution is two sides of the same coin. I just want to  
3 show him one last chart and I will move on.

4 MR. MOUGEY: Your Honor --

5 THE COURT: This is a chart that Keller put  
6 together?

7 MR. MAHADY: Yes.

8 THE COURT: Well --

9 MR. MOUGEY: If it's just one chart, Your Honor,  
10 and if he wants to just put one chart in front of the  
11 witness to make it easy, that's fine, Your Honor.

12 MR. MAHADY: Thanks, Mr. Mougey.

13 THE COURT: I have a little problem with you  
14 getting her conclusions before the Court. You can ask him  
15 about the stuff that's reflected in the chart as a basis for  
16 your cross examination, but I don't think I can let you show  
17 him the chart and demonstrate the chart.

18 MR. MAHADY: Okay, Your Honor, because what I  
19 wanted to do was show him a comparison of his chart and her  
20 chart to see if there is a correlation between the two.

21 THE COURT: Well, can't you phrase questions that  
22 will bring that out without showing him the chart?

23 MR. MAHADY: Making me work, Your Honor. I can  
24 try.

25 BY MR. MAHADY:

1       **Q.**    Dr. McCann, when we looked at your chart for the  
2       255/257 area code, we saw a steady rise in distribution from  
3       '97 to a peak in 2009, correct?

4       **A.**    Yes.

5       **Q.**    Okay. And you also testified that there was a notch in  
6       2014, correct?

7       **A.**    Correct.

8       **Q.**    And a rather significant slope down after 2016,  
9       correct?

10      **A.**    Correct.

11      **Q.**    Okay. Did you consider the fact that prescribing of  
12      opioids based on MMEs also increased from 1997 to a peak in  
13      and around 2009?

14      **A.**    I didn't think about the prescribing issue in the  
15      context of this case at all.

16      **Q.**    Okay. And did you consider the fact that, in 2014,  
17      where we see a notch in distribution, there's a  
18      corresponding notch in prescribing?

19      **A.**    It's the same answer. I didn't consider the  
20      prescribing behavior in any aspect of my work in this case.

21      **Q.**    Because you chose just to look at one side of the  
22      related coin, correct?

23      **A.**    No, it's because my task was to present summaries of  
24      the opioid shipment data for the Court to use if it found  
25      them useful. Someone else would be talking about other

1 aspects of this case. It's not a matter of me choosing  
2 anything.

3 COURT REPORTER: I'm sorry. What was that?

4 THE WITNESS: It's not a matter of me choosing  
5 anything.

6 BY MR. MAHADY:

7 **Q.** And it was the plaintiffs who gave you your task,  
8 correct?

9 **A.** Correct.

10 **Q.** All right. Last question on this. Dr. McCann, it  
11 logically flows that AmerisourceBergen's average  
12 distribution to a customer in Cabell County would be higher  
13 than its average distribution to the customer in West  
14 Virginia when the prescribing rates in Cabell County are  
15 significantly higher than the per capita prescribing rates  
16 in West Virginia, correct?

17 **A.** No, I don't think that logically follows. It only  
18 logically follows if drugs don't cross zip code boundaries  
19 and they -- they clearly do. We don't have PDMP data or PMP  
20 data here, but if we did, we'd see that the distances that  
21 patients travel to get prescriptions filled or to see their  
22 doctors. So -- but I know from other jurisdictions that  
23 patients drive sometimes very long distances.

24 So, what you've just said is not a logical conclusion.  
25 It may be an empirical fact. I don't know. We don't have

1 the data to demonstrate that, but it's not a logical  
2 conclusion.

3 **Q.** Okay. Dr. McCann, can you pull out the matrix?

4 **A.** Yes.

5 **Q.** I just want to go through a couple of customers really  
6 quickly. Starting with SafeScript, if you turn to the page  
7 ending in 003 --

8 **A.** Yes.

9 **Q.** I'm sorry, 002, and you go to February of 2012, March,  
10 2012.

11 **A.** Yes.

12 **Q.** AmerisourceBergen has not distributed oxycodone to  
13 SafeScript since 2012, correct?

14 **A.** Correct.

15 **Q.** And if you go over to the right to Medical Park  
16 Pharmacy, AmerisourceBergen has not distributed oxycodone to  
17 Medical Park Pharmacy since March of 2012, correct?

18 **A.** I'm sorry. Maybe --

19 **Q.** It's three over from SafeScript?

20 **A.** Maybe May of 2012.

21 **Q.** May of 2012, that's fine. AmerisourceBergen has not  
22 distributed oxycodone to Medical Park Pharmacy since May of  
23 2012, correct?

24 **A.** Correct.

25 **Q.** Okay. Flip back to the first page. Fruth Pharmacies,

1 AmerisourceBergen has not distributed oxycodone to Fruth #5  
2 since January, 2010, correct?

3 **A.** Yes.

4 **Q.** And the same is true for Fruth #12?

5 **A.** Yes.

6 **Q.** And Fruth #2?

7 **A.** Yes.

8 **Q.** And Fruth #11?

9 **A.** Yes.

10 **Q.** Okay.

11 MR. MAHADY: Your Honor, if I may confer with my  
12 side to see what, if anything, I have left and then I'll  
13 pass the witness.

14 THE COURT: Yes. Maybe this is a good time for a  
15 break now.

16 MR. MAHADY: Okay, thank you.

17 THE COURT: We'll be in recess for about ten  
18 minutes.

19 (Recess taken)

20 (Proceedings resumed at 3:35 p.m.)

21 THE COURT: Is Dr. McCann in the courtroom?

22 (Pause)

23 THE COURT: Okay, Mr. Mahady.

24 BY MR. MAHADY:

25 **Q.** Dr. McCann, I have no further questions. Thank you

1 for your time.

2 **A.** Thank you.

3 MR. SCHMIDT: May I proceed, Your Honor?

4 THE COURT: Mr. Schmidt, yes, you may.

5 MR. SCHMIDT: Thank you.

6 CROSS EXAMINATION

7 BY MR. SCHMIDT:

8 **Q.** Dr. McCann, good afternoon. How are you doing?

9 **A.** Well, thank you. Thank you very much.

10 **Q.** My name is Paul Schmidt and I represent McKesson in  
11 this case and I'm going to largely focus on questions  
12 relating to McKesson. Most of them will be on new topics  
13 beyond what Mr. Mahady covered, but there will be a few I go  
14 over that he touched on just to make sure I covered them as  
15 to McKesson. I'll ask you to just bear me on that. Okay?

16 **A.** Yes. Thank you.

17 **Q.** Dr. McCann, you relied on ARCOS data in all or almost  
18 all of your analyses in some form; correct?

19 **A.** Right.

20 **Q.** As to McKesson, as to McKesson transactions in ARCOS  
21 that you used, that you relied on, that data from ARCOS came  
22 from McKesson; correct?

23 **A.** That's my understanding, yes.

24 **Q.** And you found that data that McKesson reported to the  
25 DEA into ARCOS and that you relied on from ARCOS to be

1 reliable; correct?

2 **A.** Correct.

3 **Q.** In fact, yesterday you said it was highly reliable;  
4 correct?

5 **A.** Correct.

6 **Q.** Same is true for Cardinal; correct?

7 **A.** Right.

8 **Q.** And in part, that's because you checked that data that  
9 was reported to McKesson -- reported to the DEA by McKesson  
10 and Cardinal with the data they had in their files and, as  
11 you said yesterday, you found it to be virtually identical;  
12 correct?

13 **A.** Correct.

14 **Q.** I think you've testified that you've -- in all your  
15 testimony you can't recall seeing this correspondence  
16 between datasets in any litigation you've done over the past  
17 30 years; correct?

18 **A.** I don't recall making that comment, but I, I would not  
19 be surprised. I think that that is a correct statement.

20 **Q.** Okay. And that's true from more than 30 years of  
21 testifying in over 600 cases that you said you handled?

22 **A.** Correct. Any time -- you don't often have two  
23 independent sources of the same data to check, but we have  
24 that here and the match is nearly perfect.

25 **Q.** And in commenting on that nearly perfect match in the



1 data that the defendants reported into the ARCOS database,  
2 you have no criticisms in your report of any meaningful gaps  
3 in the data that Cardinal or McKesson or ABDC provided;  
4 correct?

5 **A.** I think that's correct in this case.

6 **Q.** You found that the pharmacy -- I'm sorry. Let me say  
7 that again. You found that the data McKesson reported to  
8 the DEA regarding its sales was accurate; correct?

9 **A.** Correct.

10 **Q.** You found that the data McKesson reported to the DEA  
11 regarding the pharmacies it was selling to was accurate;  
12 correct?

13 **A.** I'm sorry. What's the distinction between that and the  
14 previous question?

15 **Q.** First were sales. The second is pharmacies, the  
16 pharmacies reported were correct. Let me break it down.  
17 You understand there is a pharmacy field --

18 **A.** Yes.

19 **Q.** -- in the ARCOS dataset? And McKesson reported  
20 pharmacy data to the DEA, correct, in those pharmacy fields?

21 **A.** Right. The pharmacy is identified in the shipment  
22 transaction record and that's what I thought you meant by  
23 sales. But, yes, they match on the pharmacy.

24 **Q.** You found the data that was reported regarding the  
25 timing of the sales to be accurate for McKesson; correct?

1       **A.**     Correct.

2       **Q.**     You found the data that was reported regarding the  
3       prescription opioids involved was accurate as to McKesson;  
4       correct?

5       **A.**     Correct.

6       **Q.**     You found the data regarding the quantities, the  
7       strength, the NDC codes regarding McKesson was accurate;  
8       correct?

9       **A.**     Correct.

10      **Q.**     And that's true for Cardinal and ABDC; correct?

11      **A.**     Correct.

12      **Q.**     You were asked about how DEA makes some of that data  
13      that it receives from distributors publicly available  
14      through its ARCOS Retail Drug Summary Reports. Do you  
15      recall that?

16      **A.**     Yes.

17      **Q.**     Those ARCOS Retail Drug Summary Reports that are made  
18      publicly available tell the public about the amount of  
19      controlled substances distributed according to certain  
20      parameters like state and zip code, among other things;  
21      correct?

22      **A.**     Correct.

23      **Q.**     And you used those publicly reported summaries from the  
24      DEA to prepare some of your charts on the volume of  
25      oxycodone and hydrocodone; correct?

1       **A.**     Correct.

2       **Q.**     And just so the Court knows what we're talking about,  
3       could we put up P-44711, please?

4             If you want to follow along with the document in your  
5       hands, please do and I'll give you a second to find it. But  
6       I just want to show you a couple of pages from this.

7             Let's go to Page 4 and then Page 5.

8             These are both national data involving all  
9       distributors; correct?

10       **A.**    Correct.

11       **Q.**    And this is data that the DEA was reporting publicly at  
12       the time it became available to the DEA, correct, through  
13       these, through these summary reports? Correct?

14       **A.**    Correct.

15       **Q.**    Let's go to Pages 8 and 9. That's data regarding West  
16       Virginia on Page 8 and Page 9 from all distributors;  
17       correct?

18       **A.**    Correct.

19       **Q.**    And that's data that the DEA was making public as it  
20       was made available to the DEA; correct?

21       **A.**    Correct.

22       **Q.**    And let's go to Page 11 and 12. This is zip code data  
23       on 11 and 12 from all distributors; correct?

24       **A.**    Correct.

25       **Q.**    And those come from data that was publicly available

1       shortly after it was provided to the DEA; correct?

2       **A.**     Correct. Each time I answered that question saying,  
3       yes, that the DEA made it publicly available as the DEA  
4       received it, I don't mean literally that we -- within a few  
5       months they aggregate it up into a quarterly report and  
6       produce it, but within a few months they produced the lag  
7       few months' records.

8       **Q.**     Are you aware of any limitation to keep anyone such as  
9       the City of Huntington or Cabell County from looking at this  
10      data as it became available and creating a chart like this  
11      based on the data that was then available?

12      **A.**     Not that I'm aware of.

13      **Q.**     Are you aware of anything that you were able to do with  
14      the DEA data in terms of analyses that the DEA itself could  
15      not do?

16      **A.**     I just don't know the level of sophistication of the IT  
17      people internally at the DEA back today, and certainly not  
18      in 1997 or 2007. I just don't know. I know that they were  
19      pretty sophisticated.

20      **Q.**     If I tell you they could do everything you could do, do  
21      you know if that's true or not?

22      **A.**     I don't.

23      **Q.**     And you never asked in any of your discussions with DEA  
24      people including the ones paid by the plaintiffs?

25      **A.**     No, that's not true.

1       **Q.** Did you ask them -- did you ask them if they could do  
2       the same kind of analyses you could do?

3       **A.** Yes, either I asked them or they offered that they  
4       could, in fact, not do the kind of queries the way we do  
5       them.

6       **Q.** Which ones did they not do?

7       **A.** Well, my recollection of the conversations with the  
8       former DEA agents when we first received the data and were  
9       viewing it on large-scale screens in our offices and talking  
10      through some summaries, my recollection was that they said  
11      if they requested a report from the field, reports that we  
12      were producing in minutes, it would come back perhaps weeks  
13      later.

14             So there was some issue -- whether it was bureaucratic  
15      or technological, I don't know. There was some issue that  
16      meant, at least back when they were working there, they were  
17      not able to access the data in the field the way we were  
18      able to access it in the office.

19      **Q.** Okay. So aside from whatever this timing issue was of,  
20      as you said, a few weeks, are you aware of any inability  
21      they had to create at some level within DEA headquarters the  
22      same kind of reports you created?

23      **A.** I don't know one way or the other.

24      **Q.** Okay. These public reports that we're talking about,  
25      they don't contain pharmacy specific data; correct?

1       **A.**     Correct.

2       **Q.**     And you were asked about whether DEA refused to share  
3       pharmacy data with distributors. Do you recall being asked  
4       about that? If you don't, that's fine.

5       **A.**     I remember a similar question, but it wasn't exactly  
6       the same as that. I think the question was whether I was  
7       aware that the DEA refused to provide ARCOS data to the  
8       distributors.

9       **Q.**     Yes, that's what I was getting at. Do you remember  
10      being asked that question?

11      **A.**     Yes.

12      **Q.**     You've looked in the course of your work at various DEA  
13      websites and documents to educate yourself about ARCOS and  
14      the DEA; correct?

15      **A.**     Correct.

16      **Q.**     Let me show you something from one of those websites.

17               MR. SCHMIDT: May I approach, Your Honor?

18               THE COURT: Yes.

19      BY MR. SCHMIDT:

20      **Q.**     Dr. McCann, I've put in front of you MC-WV-1077.  
21      If you could put that up on the screen, you'll see that  
22      this has the DEA header on it and it's dated  
23      February 14th, 2018. Do you see that?

24      **A.**     Yes.

25      **Q.**     And it says in the second paragraph -- well, the title

1 of the, of this website posting is "DEA Creates New Resource  
2 to Help Distributors Avoid Over-Supplying of Opioids." Do  
3 you see that?

4 **A.** Yes.

5 **Q.** And you understand that this is talking about ARCOS?

6 **A.** Yes.

7 **Q.** Is this the type of DEA document talking about ARCOS  
8 that you looked at in the course of doing your work, whether  
9 you saw this specific document or not?

10 **A.** This is a press release. I don't recall looking at any  
11 press releases on the DEA website.

12 **Q.** Okay. Let's look at what this says.

13 In the second paragraph it says, "DEA added a new  
14 feature to its ARCOS on-line reporting system, a  
15 comprehensive drug reporting system that monitors the flow  
16 of controlled substances from their point of manufacture  
17 through commercial distribution channels to the point of  
18 sale at the dispensing retail level."

19 Do you see that reference to the new feature they added  
20 to the ARCOS on-line reporting system?

21 **A.** I do, yes.

22 **Q.** They go on to say, "This newly added function will  
23 allow the more than 1,500 DEA registered manufacturers and  
24 distributors to view the number of competitors who have sold  
25 a particular controlled substance to a prospective customer

1 in the last six months."

2 Do you see that?

3 **A.** Yes.

4 **Q.** Were you aware that in February or around February of  
5 2018 the DEA added a new feature to ARCOS to allow companies  
6 like McKesson, Cardinal, and ABDC for the first time to view  
7 the number of competitors who sold a particular controlled  
8 substance to a prospective customer in the last six months?

9 Were you aware of that?

10 **A.** No.

11 **Q.** It goes on to say in the next paragraph, and I'm about  
12 halfway down, "This new tool will provide valuable  
13 information for distributors to consider as part of their  
14 assessment."

15 Do you see that?

16 **A.** Yes.

17 **Q.** Were you aware that prior to 2018 distributors did not  
18 have this tool of viewing the number of competitors who had  
19 sold a particular controlled substance to a prospective  
20 customer in the last six months? Were you aware of that?

21 **A.** I wasn't aware of the existence of the tool, so I'm not  
22 aware of the absence of it before this date.

23 **Q.** Are you aware that the DEA has been criticized for not  
24 sharing ARCOS data with distributors earlier than this point  
25 in time?



1       **A.**     No.

2                   MR. SCHMIDT: Your Honor, we would move this into  
3 evidence.

4                   THE COURT: Any objection?

5                   MR. MOUGEY: No, Your Honor, we don't have any  
6 objection.

7                   THE COURT: It's admitted.

8 BY MR. SCHMIDT:

9       **Q.**     Dr. McCann, changing gears, I want to focus on  
10 Huntington and Cabell now if we may.

11            You understand that ABDC, Cardinal, and McKesson were  
12 not the only distributors that shipped opioids into Cabell  
13 County and Huntington?

14       **A.**     Yes.

15       **Q.**     According to the ARCOS data you reviewed, 36 different  
16 distributors other than the three defendants in this  
17 courtroom supplied oxycodone and hydrocodone to Huntington  
18 and Cabell during the time period that you looked at;  
19 correct?

20       **A.**     I don't recall the, the number that you state, 36, but  
21 there were others, most of them quite de minimis quantities,  
22 but there were roughly -- and visually what I see is sort of  
23 a listing that goes on for most of a page, so 36 would sound  
24 right.

25       **Q.**     Okay. Let's look at that listing. You included that

1 as an appendix to your report; correct?

2 **A.** I may have.

3 **Q.** Okay. Let's take a look at it so you're not flying  
4 blind.

5 Could we put up Page 748 of Appendix 9.

6 MR. SCHMIDT: And, Your Honor, I don't intend to  
7 move this into evidence because it's part of his expert  
8 report, but I'll just pass out copies if that's useful if I  
9 may approach.

10 THE WITNESS: Thank you.

11 BY MR. SCHMIDT:

12 **Q.** Thank you, Dr. McCann.

13 This is the table I was referring to, Dr. McCann. This  
14 might have been the table you were thinking of. If you look  
15 here, it shows oxycodone -- let me see if I can write on the  
16 screen.

17 It shows oxycodone and hydrocodone. It's got a total  
18 MME and then it has marketing share, and it has the actual  
19 volume of MME for the different companies.

20 Do you see that, sir?

21 **A.** Yes.

22 **Q.** And if we start after the three defendants and continue  
23 down, you'll see on your copy it actually continues to the  
24 next page and that's 36 pharmacies, correct, or 36  
25 distributors? I apologize.

1       **A.**    Yes.  Most of them are effectively zero -- 0.0 percent,  
2       but, yes, they're all listed there.

3       **Q.**    And to that point, if we could go back to the first  
4       page, please, Mr. Reynolds.

5               If we start counting the MMEs for those distributors,  
6       we very quickly get close to 200 million MMEs; correct?

7       **A.**    For all of the ones after the top three?

8       **Q.**    Yes, sir.

9       **A.**    I haven't done that, but that may be the case.

10       **Q.**   If you need to do it, if you question the  
11       representation, go ahead.  But you can see very quickly 41,  
12       33, 33, already you're over 100; 25, 21, 15 already you're  
13       at 150, and then it goes on.  Do you see that?

14       **A.**    Yes.

15       **Q.**    Okay.  So it's close to 200 million.  It's not 200  
16       million, but it's close to 200 million; correct?

17       **A.**    Correct.

18       **Q.**    That's not a de minimis amount of oxycodone and  
19       hydrocodone from those distributors that are not present in  
20       this trial in this courtroom; correct?

21       **A.**    Right.  I was referring to the bottom half of this  
22       list.  But you're right, there are --

23       **Q.**    Thank you, sir.

24       **A.**    -- four or five other distributors that distributed  
25       between one and four percent.

1       **Q.**    Thank you, sir.  Let's take a look at some of the  
2       shipment analyses that you showed the Court.  I'd like to  
3       put up 44711, Page 12, please.

4               And you looked at this a moment ago.  I think I've left  
5       my writing on the board.  Let me see if I can eliminate it.

6               You generated this chart which I think we heard  
7       discussed in the opening; correct?

8       **A.**    I don't know about any opening but, yes, this is one of  
9       the charts that I created.

10      **Q.**    And this chart, P-44711, Page 12, is created from  
11      publicly available ARCOS data; correct?

12      **A.**    Correct.

13      **Q.**    You understand that in addition to distribution rates  
14      changing over time, prescribing rates have changed over  
15      time; correct?

16      **A.**    I don't know that as a fact, but I expect it to be  
17      true.

18      **Q.**    Do you have any evidence of distribution rates changing  
19      without prescribing rates first changing?

20      **A.**    I haven't investigated that, any sort of causal  
21      relationship or temporal ordering.

22      **Q.**    Now, you, you recall talking about the distribution  
23      volume in terms of how much distribution levels had  
24      increased up until that 2009 time period.  You recall  
25      talking about some of those increases; correct?

1       **A.**    Yes.

2       **Q.**    You did that as to global distribution data; correct?

3       **A.**    Correct.

4       **Q.**    You did that as to individual distributors; correct?

5       **A.**    Correct.

6       **Q.**    You did that as to individual pharmacies; correct?

7       **A.**    Correct.

8       **Q.**    And as you were doing that, you gave some numbers on  
9       the fly as to the percentage increases; correct?

10      **A.**    Correct.

11      **Q.**    And you'll recall Mr. Mougey wrote them up on the  
12      board, some pretty big numbers; right?

13      **A.**    Correct.

14      **Q.**    You didn't once point out that the levels have gone  
15      back down, did you?

16      **A.**    I think I did.

17      **Q.**    You did in response to Mr. Mahady's question. You  
18      didn't in response to Mr. Mougey's questions.

19      **A.**    No, there was some questioning about that yesterday  
20      briefly, but you're right. Most of the questions were about  
21      the run-up. I think that the decline is just as interesting  
22      as the run-up, but the questions were about the run-up.

23      **Q.**    Okay. I just have some questions now about the  
24      decline. But before I do, I want to ask you a question. Do  
25      you understand that this is a case that is only about

1 forward-seeking relief? Do you have that understanding?

2 **A.** No, I don't understand that. I don't have an  
3 understanding one way or another.

4 **Q.** Okay. Do you have an understanding that the plaintiffs  
5 in this case have disavowed any claim for past damages? Do  
6 you have that understanding?

7 **A.** I don't have any understanding of the damage claim at  
8 all.

9 **Q.** Okay. Are you aware that every distributor's  
10 distribution level, every distributor in this case, the  
11 levels decreased after 2014?

12 **A.** I know that generally, yes.

13 **Q.** Let's take an example of that.

14 Can we show 42879, please, Page 1.

15 This is a demonstrative I believe you showed earlier  
16 this morning with Mr. Mougey showing levels increasing up  
17 until 2014; correct?

18 **A.** Correct.

19 **Q.** And it stops there; correct?

20 **A.** Correct.

21 **Q.** But we know they went down after that; correct?

22 **A.** That's my recollection. This is just the ARCOS time  
23 period, 2006 to 2014. But my, my expectation would be that  
24 McKesson's shipments would have declined after that as, as  
25 generally opioid shipments declined after that time.

1 Q. And to be clear, you have McKesson data from after  
2 2014, don't you?

3 A. Correct. It's not on this graph. It's on another  
4 figure that you don't have up on the screen. So I'm saying  
5 that's my recollection.

6 Q. Okay. I'm showing the Judge what you showed earlier  
7 today. So let's show another one. Can we show 44734,  
8 please?

9 Do you remember being shown a table like this from  
10 McKesson, and I think you were shown tables like this for  
11 ABDC and Cardinal showing levels increasing up to 2014? Do  
12 you remember being shown that?

13 A. Correct.

14 Q. And do you remember being asked if the Court wanted to  
15 figure out how much they were increasing over time, here's  
16 how you would do that? Do you remember being asked that  
17 question?

18 A. Yes.

19 Q. If the Court wanted to figure out how much McKesson's  
20 levels or ABDC levels or Cardinal's levels have decreased  
21 since 2014, how would they do that on that chart?

22 A. Well, they wouldn't from that chart. They wouldn't do  
23 it from the public ARCOS data and they wouldn't do it from  
24 the Retail Drug Summary Reports. The Court would have to do  
25 it from the defendant transaction data produced in

1 discovery.

2 **Q.** And you didn't produce that data in your opinion, did  
3 you?

4 **A.** I think we did look at charts over the last couple of  
5 days. I certainly have it in the expert report, but I think  
6 in the last couple of days a very small subset of charts  
7 that Mr. Mougey went through with me included the trend over  
8 time and McKesson's shipments after 2014.

9 **Q.** Okay. We'll stand on the record on that. You know  
10 that they went down for McKesson. They went down for  
11 Cardinal. They went down for ABDC.

12 **A.** That's my recollection, yes.

13 **Q.** And just in terms of what I know we showed the Court so  
14 we can quantify it, let's go back to 44711, please, Page 12.

15 And if we go from this height to this low, can you tell  
16 us the percentage change in that five-year window?

17 **A.** Yes. It's about a 75 percent decline.

18 **Q.** And you see that the --

19 **A.** I'm sorry. It's about a two-thirds decline. I said  
20 75 percent. It's about a two-thirds decline.

21 **Q.** Okay, 66 and two-thirds percent?

22 **A.** Something like that.

23 **Q.** And you see that the levels in 2019 are about the same  
24 as back in this 2001 window; right?

25 **A.** Yes. I think that we had a discussion of that



1 yesterday.

2 **Q.** And you know that's true for each distributor  
3 generally?

4 **A.** That's my recollection, yes.

5 **Q.** And you know that's true at the pharmacy level; that  
6 levels at individual pharmacies in Huntington and Cabell  
7 have gone down the same in the, in the same direction the  
8 same time period; correct?

9 **A.** I don't have as clear a recollection of it at the  
10 pharmacy level as I do at the national level in total and  
11 for each of the main distributors.

12 **Q.** You understand this is for these two zip codes where  
13 these pharmacies are located; correct?

14 **A.** Correct.

15 **Q.** Do you know of any pharmacies that actually went up  
16 during this time period that you've talked about?

17 **A.** No. As I was saying, I don't have a clear recollection  
18 of the individual pharmacies' trends during that time  
19 period.

20 **Q.** Okay. Let's focus on the zip code analysis that you  
21 conducted. This -- just so we have it -- I know you've been  
22 questioned about it, but I just want to make sure we have  
23 it. This looks at pharmacies in zip codes starting with  
24 255; correct?

25 **A.** Correct.

1 Q. And ones starting with 257; correct?

2 A. Correct.

3 Q. And you gave us a map to show us exactly how many --  
4 how much geography that covers. Do you recall that?

5 A. Yes.

6 Q. And I think that map you did present; correct?

7 A. Correct.

8 Q. Let's look at that map. It's in this document at Page  
9 10, please.

10 What we see in this map is that there is an area of the  
11 257 zip code that is outside Huntington and Cabell; correct?

12 A. Correct.

13 Q. Do you know what the ratio of distribution into that  
14 area versus the part of 257 that is inside Huntington and  
15 Cabell is?

16 A. Not off the top of my head, no.

17 Q. And we see the same thing with an even larger extent as  
18 to the 255 zip code prefix. Do you see that?

19 A. Yes.

20 Q. And are you aware that the 255 zip code runs into  
21 Lincoln County, Mason County, Logan County, Wayne County,  
22 Putnam County, and Boone County?

23 A. I don't know off the top of my head what other counties  
24 255 partially encompasses.

25 Q. Are you aware from your litigation work that those

1 counties all have lawsuits pending against the distributors  
2 here?

3 **A.** No, I'm not.

4 **Q.** Are you an expert in any other West Virginia cases?

5 **A.** Not that I'm aware of.

6 **Q.** Have you been asked or has it just not gotten to that  
7 point yet?

8 **A.** I'm not aware of my office doing any work for any other  
9 county or city in West Virginia besides Huntington City and  
10 Cabell County, this case.

11 **Q.** Do you know if you've been asked?

12 **A.** Well, I don't recall ever being asked, so I'm pretty  
13 sure I haven't been asked. My memory is still good.

14 **Q.** Okay. That's all I was asking, sir. Do you know how  
15 much of the 255 zip code is outside Cabell and Huntington  
16 versus inside?

17 **A.** No.

18 **Q.** Is it more or less than 50 percent?

19 **A.** I don't know.

20 **Q.** So let's go back to your chart.

21 **A.** I don't know off the top of my head. The, the ARCOS  
22 data would allow you to do that calculation to, to calculate  
23 the shipments into all of the physical locations outside of  
24 Huntington and Cabell that are in either 257 or 255 --

25 **Q.** Okay.

1       **A.**    -- and do that calculation. But that's not, that's not  
2       a calculation that we did.

3       **Q.**    Okay. And that's what I was going to ask you about.  
4       Let's go to 44711, 44711, Page 12, please, back to the chart  
5       we were looking at.

6               On this chart, this chart contains data from 255 and  
7       257 area codes that cover at least six extra counties beyond  
8       Cabell County and Huntington; correct?

9       **A.**    It may include parts of six other counties.

10       **Q.**   I'm just going to write that out, six extra counties.  
11       And, as you say, you could, if you use the ARCOS data, limit  
12       it to just Huntington and Cabell, but you would be looking  
13       at 2006-2014; correct?

14       **A.**    Yes. In fact, we did that.

15       **Q.**    You did that? We didn't receive that.

16       **A.**    No, that's not right. You did receive that.

17       **Q.**    Okay. So when you look at just Huntington and Cabell,  
18       how much lower does this bottom line go?

19       **A.**    I don't know. You would have to look -- we have other  
20       charts that I think we've looked at in the last couple of  
21       days that give us that information.

22       **Q.**    Okay. Do you know if it would be higher or lower than  
23       that?

24       **A.**    I don't know without looking at the other charts.

25       **Q.**    Do you know if the hydrocodone chart would be higher or

1 lower than that?

2 **A.** Again, I don't know without looking at the charts. We  
3 have one chart like this that's based on the Retail Drug  
4 Summary Reports where, where you can only narrow it down to  
5 those three-digit zip codes. And then we have another chart  
6 that doesn't cover as long a time period where it's narrowed  
7 specifically to the City of Huntington and Cabell.

8 **Q.** Okay. Let's continue. This includes data for all  
9 sellers, all distributors; correct?

10 **A.** Correct.

11 **Q.** Do you know how much lower these numbers would be --  
12 let's go back to the numbers I had on the screen. Do you  
13 know how much lower these numbers would be if you took out  
14 distributors who are not present in this court?

15 **A.** Yes, not off the top of my head, but in other exhibits  
16 that we looked at in the last couple of days.

17 **Q.** Okay. You know as to this chart, it would be lower,  
18 right, if you took out other distributors?

19 **A.** Yes.

20 **Q.** And focusing on this chart, this chart covers all  
21 pharmacies; correct?

22 **A.** Correct.

23 **Q.** And that includes pharmacies that distributors here  
24 never supplied to; correct?

25 **A.** I'd have to check, but my intuition is that may be

1 true, although I'm not sure. There's only 42 or 43  
2 pharmacies in Cabell County and the City of Huntington. And  
3 I don't know if any of those 42 or 43 were never shipped a  
4 single pill by at least one of these defendants. I don't  
5 recall.

6 **Q.** Let me give you an example. Do you recall analyzing  
7 A-Plus Pharmacy?

8 **A.** No.

9 **Q.** Do you recall that none of the distributors here  
10 supplied A-Plus Pharmacy?

11 **A.** No.

12 **Q.** Did you ever learn that A-Plus Pharmacy was closed down  
13 by authorities?

14 **A.** If I did, I've forgotten.

15 **Q.** One more point. This includes V.A. data; right?

16 **A.** Correct.

17 **Q.** And if we took out the V.A., these numbers would go  
18 lower; correct?

19 **A.** Yes. I don't think on the scale you're drawing those  
20 arrows, but if you took out the V.A., which we do in our  
21 other charts, the numbers will be lower if you narrow it  
22 down to a subset of distributors, a subset of pharmacies,  
23 and excluding the V.A. We do that in fact.

24 **Q.** You just said you'd take out the V.A. in some of your  
25 other charts; correct?

1       **A.**     Correct.

2       **Q.**     Why do you do that?

3       **A.**     Well, because my focus really in all of the reports was  
4       on shipments to, to retail and chain pharmacies. And ARCOS  
5       has a separate line item for V.A. Hospitals. And virtually  
6       nothing that I reported on, virtually nothing that's in my  
7       expert report includes data on the V.A. Hospitals other than  
8       a very high level summarizing the ARCOS data where I list  
9       all of the buyer business activities, including V.A.  
10      Hospital.

11             But all of the, all of the summaries that I presented  
12      to the Court exclude the V.A. Hospital, virtually all of  
13      them, because they're focused on, on, on pharmacies, retail  
14      and chain pharmacies.

15      **Q.**     Did, did you make the decision to exclude the V.A. from  
16      virtually all of your analyses or was that something you  
17      were directed to do?

18      **A.**     I don't, I don't recall how I came to the understanding  
19      that the most informative subtotals summaries would not --  
20      of shipments into communities would not include V.A.  
21      Hospitals, would include just pharmacies. And I just don't  
22      recall now how that understanding came to me.

23      **Q.**     Could we go to 44711, Page 25, please. I'll take down  
24      this drawing.

25             This is a chart you presented for McKesson; correct?

1       **A.**     Correct.

2       **Q.**     And this actually has a line item for the V.A; correct?

3       **A.**     Correct. All of the similar charts for the other  
4       distributors do as well.

5       **Q.**     So correct?

6       **A.**     Correct.

7       **Q.**     And we see it right here, hospital, clinics, V.A;  
8       correct?

9       **A.**     Correct.

10       **Q.**    And we see that the V.A., McKesson's distribution is  
11       north of 17 million dosage units; correct?

12       **A.**     Correct.

13       **Q.**    Or 76.1 percent of McKesson's total distribution into  
14       Huntington and Cabell, correct, as to oxycodone and  
15       hydrocodone? Correct?

16       **A.**     Correct.

17       **Q.**    That's a pretty material amount, three quarters of what  
18       my client did, to omit from most of your analyses, virtually  
19       all of your analyses in your words. You can't remember if  
20       you came up with that on your own or you were directed to  
21       omit that?

22       **A.**    No, you're not characterizing what I did --

23       **Q.**    Can you answer my question, sir?

24       **A.**    Well, yes, but you're not characterizing my prior  
25       testimony correctly.



1       **Q.**    Can you remember whether you decided to omit  
2       76.1 percent of my client's distribution in Huntington and  
3       Cabell or whether you were told to do that by counsel?  Yes  
4       or no?

5       **A.**    I don't recall.

6       **Q.**    Okay.  You agree that this is a very material amount of  
7       McKesson's distribution; right?

8       **A.**    Yes, and that's why I excluded it.  That would be one  
9       of the reasons why I, I excluded it and discussed it on  
10      direct.  It is not included in the, in the five million  
11      dosage units that were supplied to retail and chain  
12      pharmacies that I discussed.

13            I didn't -- I did not attribute the 17 million dosage  
14      units from McKesson to the V.A. clinic other than to  
15      identify it.  I discussed it on the record and then focused  
16      on the distributions to the retail and chain pharmacies as I  
17      did with the other distributors.

18      **Q.**    And you, you have -- we've heard reference today -- you  
19      might not have been in court for this because it's before we  
20      went on to the testimonial record -- to your flagging  
21      analysis.

22            Do you know what I'm referring to in terms of your  
23      flagging analyses?

24      **A.**    Yes.

25      **Q.**    And these are analyses where you flagged a level of

1 orders for oxycodone and hydrocodone according to six  
2 different methods for each of the individual defendants;  
3 correct?

4 **A.** That's a good summary, yes.

5 **Q.** Thank you, sir. And you're aware from reviewing  
6 Doctor -- Mr. Rafalski's report that he relies on those  
7 flagging methodologies and incorporates them into his work?

8 **A.** I didn't review Mr. Rafalski's reports, so I don't know  
9 that.

10 **Q.** Fair enough. In those flagging methodologies you also  
11 excluded the V.A., correct, as to McKesson?

12 **A.** Yeah, I would expect so.

13 **Q.** Would it help if I showed you your testimony on that  
14 point?

15 **A.** No, but I, I haven't reviewed it in anticipation of  
16 testifying because I won't be testifying on that issue for a  
17 few weeks.

18 But, yeah, I think all of our flagging algorithm  
19 applications are to shipments to retail and chain  
20 pharmacies. So it was not just for McKesson and this  
21 jurisdiction, but for all distributors in all jurisdictions  
22 exclude the V.A. clinics.

23 **Q.** This is an important point for me, so I'm going to make  
24 sure I have it precise.

25 You don't perform your flagging methodologies on the

1 Veterans Affairs Medical Center in Huntington; correct?

2 MR. MOUGEY: Objection, Your Honor. The parties  
3 have stipulated that the SOMS and the suspicious order  
4 flagging is in phase two of Dr. McCann's testimony. We  
5 bifurcated it. I didn't mention it once during our entire  
6 day, day and a half.

7 Mr. Schmidt does not get a free testimony or deposition  
8 at this point onto what's going to occur in two weeks. We  
9 all know Dr. McCann is coming back to finish the rest of his  
10 testimony. It's appropriate to only question him on that  
11 part by agreement of the parties.

12 MR. SCHMIDT: Mr. Mougey is accurate as to us  
13 acquiescing in the request to bring him twice on those  
14 terms. All I'm asking -- I'm not going to -- this is  
15 literally my last question on the subject. It's a  
16 foundational question.

17 THE COURT: Overruled. I'm going to let him  
18 answer.

19 MR. SCHMIDT: I can see why he would make the  
20 objection, but I'm not getting into it.

21 BY MR. SCHMIDT:

22 Q. So let me ask my question again.

23 Dr. McCann, you don't perform your flagging  
24 methodologies on the Veterans Affairs Medical Center in  
25 Huntington; correct?

1       **A.**    I don't recall. I don't think so, but I don't recall.

2       **Q.**    Dr. McCann, do you recall --

3               MR. MOUGEY: Can I get a copy, Mr. Schmidt?

4               MR. SCHMIDT: Yes, of course.

5               MR. MOUGEY: Are we still on the SOMS? Was that  
6 the last question?

7               MR. SCHMIDT: This is the last question. And, no,  
8 we're not still on SOMS.

9       BY MR. SCHMIDT:

10      **Q.**    Do you recall testifying -- being deposed in this  
11 case on September 1st, 2020?

12      **A.**    I'm sorry, I don't.

13      **Q.**    Do you see the transcript in front of you? Let's put  
14 it up on the screen, September 1st, 2020. Let's go to the  
15 first page, please.

16      **A.**    Yes, I see that.

17      **Q.**    You do recall giving testimony, deposition testimony in  
18 this case; right?

19      **A.**    Well, for some reason, I don't recall this. I know  
20 that I had a Zoom deposition in this case, but I don't  
21 remember anything about it. I had to look up the date to  
22 put it on my resume. I'm sorry, I don't recall anything  
23 about the deposition or the questioning. I suppose it was  
24 in my office, but I don't recall anything else.

25      **Q.**    Do you see your name on the front page?

1       **A.**    Yes.

2       **Q.**    Look quickly, if you would, at Page 134. I'm just  
3 going to read the testimony to you. I'm going to start at  
4 line 13.

5               "Question: You don't perform your flagging  
6 methodologies on the Veterans Affairs Medical Center in  
7 Huntington; correct?"

8               "Answer: Correct."

9               Did I read that correctly?

10       **A.**    Yes.

11       **Q.**    When you did give the deposition that you don't  
12 remember the date, were you truthful in your testimony?

13       **A.**    Yes, to the best of my ability.

14       **Q.**    Thank you, sir.

15               Let's go back to -- I want to talk about some of the  
16 analyses that you've done. And I want to start with some of  
17 your per capita analyses. Do you recall being asked  
18 questions about per capita rates national, statewide, --

19       **A.**    Yes.

20       **Q.**    -- Huntington/Cabell?

21       **A.**    Yes.

22       **Q.**    When you use census data, are you aware that the United  
23 States Census Service tabulates data on what it refers to as  
24 hard-to-count tracks, places where it's hard to generate  
25 complete census data? Are you aware of that?

1       **A.**    No.

2       **Q.**    Do you know whether parts of Huntington and Cabell are  
3       in United States census designated areas as hard to count?

4       **A.**    No.

5       **Q.**    Do you know what that concept means? Have you heard  
6       that just in the news we've all been hearing over the past  
7       year about the census, that there's some parts of the  
8       country that are hard to count?

9       **A.**    I don't recall that in the, in the last year, --

10      **Q.**    Okay.

11      **A.**    -- but maybe something similar to that just with  
12      difficulties related to the 2020 census, whether it was  
13      COVID or whether it was, whether it was that some  
14      geographies are harder to track. I don't know.

15      **Q.**    Did you do any adjustment to your per capita analyses  
16      to account for whether parts of Huntington and Cabell are  
17      hard to count?

18      **A.**    No, not beyond whatever adjustments the Census Bureau  
19      would have made if they deemed some adjustment was  
20      appropriate.

21      **Q.**    Do you know if they made such adjustments, sir?

22      **A.**    I don't.

23      **Q.**    Dr. Gupta testified last week that West Virginia  
24      residents have higher levels of usage of all prescription  
25      medications, opioids and non-opioids. Is that a fact you're

1 familiar with?

2 **A.** No, it is not.

3 **Q.** Did you make any adjustments to your per capita  
4 accounts to account for overall prescription usage rates  
5 nationally, West Virginia, Huntington/Cabell?

6 **A.** No. There would be no adjustments to make.

7 **Q.** Dr. Gupta talked about whether West Virginia residents  
8 have higher reported pain than in other parts of the  
9 country. Are you aware of that?

10 **A.** No.

11 **Q.** Did you make any adjustments to your per capita numbers  
12 to account for conditions and variations in conditions that  
13 require pain treatment across the nation, within West  
14 Virginia, within Huntington/Cabell?

15 **A.** No. There would be no adjustments to make from my  
16 perspective.

17 **Q.** Do you remember -- let's go back to 44711. In the  
18 course of talking about this document, if you just put the  
19 first page up on the screen, this is one of the documents  
20 where you talked about per capita data. Do you recall  
21 talking about that?

22 **A.** Oh, --

23 **Q.** It's not on that screen. Let's go to Page 19. This is  
24 ABDC. Do you recall talking about the per capita data in  
25 the context of ABDC?

1       **A.**     Yes.

2       **Q.**     You compared the Huntington/Cabell data to national and  
3       state rates. Do you recall that?

4       **A.**     Yes.

5       **Q.**     And you recall Mr. Mougey writing some numbers up on  
6       the board as to the variation between Huntington, national,  
7       and state?

8       **A.**     Yes.

9       **Q.**     You did the same thing for Cardinal; correct?

10      **A.**     It's my recollection, yes.

11      **Q.**     You did not specifically reference your per capita  
12      calculations for McKesson in your testimony; correct?

13      **A.**     I don't recall.

14      **Q.**     Is there a reason you didn't reference McKesson's per  
15      capita rates in your testimony?

16      **A.**     I don't recall that I didn't. I recall answering  
17      Mr. Mougey's questions as he put slides like this up. I  
18      don't recall whether there was an analogous slide for  
19      McKesson or not.

20      **Q.**     Okay. I'll help you with that in a second. Do you  
21      know whether McKesson's per capita rates in Huntington and  
22      Cabell are higher or lower than national rates or West  
23      Virginia rates?

24      **A.**     I don't know.

25      **Q.**     Let's look at what they show. Could we go to Page 25,



1 please.

2 This is the equivalent chart for McKesson. Am I  
3 correct that McKesson's annual dosage unit per capita,  
4 according to your calculations, is 6.90?

5 **A.** To retail and chain pharmacies, correct.

6 **Q.** McKesson's annual dosage unit per capita to retail and  
7 chain pharmacies in West Virginia is 10.66; correct?

8 **A.** Correct.

9 **Q.** McKesson's annual dosage per capita rate for  
10 Huntington-Cabell is 5.83; correct?

11 **A.** Distributions to retail and chain pharmacies, correct.

12 **Q.** That's lower than the West Virginia rate; correct?

13 **A.** Correct.

14 **Q.** That's lower than the national rate; correct?

15 **A.** Correct.

16 **Q.** How much lower is it than the West Virginia rate?

17 **A.** It's about 45 percent lower.

18 **Q.** How much lower is it than the national rate?

19 **A.** It's about 15 percent lower.

20 **Q.** You're remarkable with the math, Dr. McCann. It's very  
21 impressive. I commend you on that.

22 Let me ask you some questions now about McKesson's  
23 market share. You remember a few moments ago we talked  
24 about the V.A; right?

25 **A.** Yes.

1 Q. And I asked you those questions about different  
2 analyses, including your flagging methodology where you  
3 excluded the V.A. from those analyses; correct?

4 A. Correct.

5 Q. And we've also seen on a number of slides that you  
6 focused specifically on oxycodone and hydrocodone; correct?

7 A. Correct.

8 Q. I want to look at what your market share calculations  
9 are for McKesson if we exclude the V.A., just as you did in  
10 your flagging methodology and in many of your other  
11 methodologies, and if we only focus on oxycodone and  
12 hydrocodone.

13 And what I've done is I've put up on a poster from your  
14 report the market share table you have, and it is Appendix  
15 9, Page 745. If you want a printout of it, I can give you a  
16 printout of it if that would help.

17 MR. MOUGEY: I would appreciate it.

18 MR. SCHMIDT: Of course.

19 May I approach, Your Honor? I think this is the one we  
20 were -- actually, this is a different one than we were  
21 looking at earlier, but similar idea.

22 THE WITNESS: Thank you.

23 MR. SCHMIDT: You're welcome.

24 BY MR. SCHMIDT:

25 Q. Do you recognize this as an appendix from your

1 report showing the market share for the defendants?

2 **A.** Yes.

3 **Q.** Specifically, dosage units to -- I'm going to focus on  
4 the Cabell County-Huntington part. Do you see that?

5 **A.** Yes.

6 **Q.** And you use this figure, 37,363,600 for McKesson's  
7 market -- to calculate McKesson's market share; correct?

8 **A.** No, that's AmerisourceBergen.

9 **Q.** Did I do that wrong? I'm sorry. You're right. Thank  
10 you for catching me on that.

11 You used 23,153,710 to calculate McKesson's share;  
12 right?

13 **A.** For this exhibit, for this one page out of 7,500 pages,  
14 yes.

15 **Q.** Yes. And what I want to do is look at what happens to  
16 that number if we take out the V.A. and focus, as this table  
17 does and as many of your other analyses do, only on  
18 oxycodone and hydrocodone. Fair?

19 **A.** Yes.

20 **Q.** All right. Let's put back up Exhibit 44711, Page 25.  
21 And do you recall looking at this exhibit and talking about  
22 the V.A. just a few minutes ago?

23 **A.** Yes.

24 **Q.** What I want to do is I want to write down the V.A.  
25 number and tell me if I've written it down correctly. Is

1 McKesson's V.A. share 17,623,110?

2 **A.** Yes.

3 **Q.** Do you still have that calculator up there from  
4 yesterday?

5 **A.** No.

6 **Q.** We have one.

7 MR. SCHMIDT: May I approach with the calculator,  
8 Your Honor?

9 THE COURT: Yes.

10 THE WITNESS: Thank you.

11 BY MR. SCHMIDT:

12 **Q.** And just to orient us as to what we're looking at,  
13 this 23 million figure for McKesson on here, that also  
14 appears at the bottom of the table we're looking at on  
15 the screen, the 44711, Page 25; correct?

16 **A.** Yes.

17 **Q.** Okay. So we're comparing apples to apples. Can you  
18 tell me what McKesson's non-V.A. shipments are?

19 **A.** I believe it's 5,530,600.

20 **Q.** That's what we got too. I'm going to use that number.  
21 And if we use that number in place of the 23 million, we see  
22 that there are one, two, three, four, five companies that  
23 shipped more oxycodone and hydrocodone to Huntington and  
24 Cabell than McKesson, excluding the V.A; correct?

25 **A.** Correct.

1       **Q.**   And have you calculated what McKesson's actual  
2       percentage share would be if we took the V.A. out of this  
3       total and out of McKesson's share?

4       **A.**   No, but I could if you want.

5       **Q.**   Let's do it together. I'm going to try to do this the  
6       quickest and simplest way I can, Dr. McCann.

7               With the V.A. you took McKesson's amount over the total  
8       amount to get the percentage; right?

9       **A.**   Correct.

10       **Q.**   And McKesson's amount is that 23,153,710; correct?

11       **A.**   Correct.

12       **Q.**   Your table doesn't report the total amount. We added  
13       it up many, many times to make sure we got it right, and we  
14       got 109,811,500. If you want to check the math, you can  
15       check the math, but I think we're going to get a check on it  
16       just by doing the percentage. So do you mind telling me  
17       what percentage this is?

18       **A.**   21.08 percent.

19       **Q.**   And that's what you report; correct?

20       **A.**   I'm sorry. I didn't do the -- if you would like me to  
21       do that division, I will but --

22       **Q.**   Yes, please.

23       **A.**   I'm sure it's 21.08.

24       **Q.**   21.0849 or something like that and it rounds down to  
25       21.08?

1       **A.**    Yes, that's correct.

2       **Q.**    Okay. We remove the V.A., McKesson's share goes down  
3       to that 5,530,600 number we talked about; right?

4       **A.**    Correct.

5       **Q.**    And what is this if you take out the V.A., if you take  
6       out the V.A. from the 109 million total?

7       **A.**    I think it's 92,18 -- I'm sorry -- 92,188,390.

8       **Q.**    Same number we got on that. Thank you for doing that.  
9       What's that percentage? What's the new percentage show for  
10      McKesson if you take out the V.A. from both the top and the  
11      bottom, the numerator and the denominator?

12      **A.**    I think it's 6 percent, 5.99.

13      **Q.**    And under your rounding conventions, that would be  
14      6 percent; correct?

15      **A.**    Yes.

16      **Q.**    Okay. That would be McKesson's share of oxycodone and  
17      hydrocodone to Cabell County and Huntington if you remove  
18      the V.A. from the total shipments and from McKesson's  
19      shipments, 6 percent; correct?

20      **A.**    Correct.

21      **Q.**    I'd like to ask you now about some individual McKesson  
22      pharmacies. In your review of the ARCOS data and McKesson's  
23      transactional data, you did not identify any shipments by  
24      McKesson or any other distributor here to a pharmacy or  
25      practitioner not licensed by DEA; correct?

1       **A.**     Correct.

2       **Q.**     And in your review of the ARCOS data and McKesson's  
3       transactional data and the other defendants' transactional  
4       data, you did not identify any shipments by them to a  
5       pharmacy not licensed by the West Virginia Board of  
6       Pharmacy; correct?

7       **A.**     Correct.

8       **Q.**     You did not identify any pills that any distributor  
9       shipped that were dispensed without there being a valid  
10      prescription; correct?

11      **A.**     Correct.

12      **Q.**     You have no evidence that the distributor -- that the  
13      distribution reflected in the ARCOS data exceeded  
14      prescriptions; correct?

15      **A.**     Correct.

16      **Q.**     And it's true in your review of the ARCOS data and the  
17      transaction data you didn't identify any pharmacy customers  
18      of the defendants here as pill mills; correct?

19      **A.**     Correct. I didn't investigate any of these questions,  
20      these last three or four questions that you've asked me.

21      **Q.**     And that's true despite all the hours that you and your  
22      team have billed in this matter; correct?

23      **A.**     It was outside the scope of our project.

24      **Q.**     And just so we have an understanding of the scope of  
25      your project and the scope of your work, can you give the

1 Court a sense of how much you have billed overall for all of  
2 your opioids work?

3 **A.** I'm not sure. I've been working on it -- we've been  
4 working on it three years since March of 2018. And it's,  
5 it's come to occupy a significant amount -- part of my  
6 staff's time.

7 I believe approximately \$2 million a year out of our  
8 five or six million dollars of revenue I've been associated  
9 with the opioid project. But I don't track that and I don't  
10 know that with certainty. But it's around a third of our  
11 revenues over the last three years.

12 **Q.** And, so, how much is that over the three years total?

13 **A.** It's somewhere between five and six million dollars I  
14 believe.

15 **Q.** Okay. Let's talk about some of specific pharmacies  
16 that you showed the Court for McKesson.

17 Do you recall spending some time talking about the  
18 Custom Script Pharmacy?

19 **A.** I'm sorry. My answer included not just the MDL cases,  
20 but work that I've done for the State Attorney Generals and  
21 other parties. So I haven't done a -- I haven't catalogued  
22 this. I haven't tracked it. But I'm just trying to get a  
23 sense for you, for the Court of our work across all of the  
24 different interested parties, including the Attorney  
25 Generals that we've worked for.



1 Q. And that's fair because my question encompassed all of  
2 that work, so I appreciate that. Do you recall spending  
3 some time talking about the Custom Script Pharmacy?

4 A. Yes.

5 Q. And they were the only independent McKesson pharmacy  
6 customer in Huntington or Cabell County that you discussed;  
7 correct?

8 A. I'm sorry, I don't recall.

9 Q. Okay. Do you recall discussing any others?

10 A. No.

11 Q. You have in front of you P-44747 which is your packet  
12 for, for this pharmacy.

13 A. I'm sorry. 4474 --

14 Q. 7.

15 A. Thank you.

16 Q. And let me just clear this a minute, if we can put that  
17 up on the screen, Mr. Reynolds.

18 A. Yes.

19 Q. Let's go to the second page. If we look at the second  
20 page --

21 And, Mr. Reynolds, are you able to highlight it?

22 We can see that Custom Script is down near the bottom  
23 of the page. It's actually in the bottom half of pharmacies  
24 by volume in Huntington/Cabell; correct?

25 A. Yes.

1 Q. Do you know what kind of customers they serve?

2 A. No.

3 Q. Do you know how far they are from the nearest cancer  
4 center?

5 A. No.

6 Q. Do you know how far they are from the nearest hospital?

7 A. No.

8 Q. Do you know the overall size of their business in terms  
9 of how much prescriptions they have other than opioids?

10 A. No.

11 Q. All right. Let's go to Page 6 which was the next page  
12 you showed. You talked about, I think, the 2010 data and  
13 the 2011 data. Do you see that?

14 A. And the 2012 and 2013 data, yes.

15 Q. Okay. Are those all McKesson shipments?

16 A. I don't know.

17 Q. Well, --

18 A. It's not, it's not in this packet. It is in other  
19 pages that were in this packet but not included in this  
20 folder. So the answer is I don't know.

21 Q. When you testified about this yesterday, you made no  
22 reference to other distributors; correct?

23 A. I don't recall.

24 Q. In the packet you have in front of you, there is no  
25 reference to any other specific distributor, is there?

1       **A.**     Correct.

2       **Q.**     If you look at the packet you have in front of you that  
3       was presented to the Court, can you find Page 3 and 4 of  
4       that packet?

5       **A.**     No.

6       **Q.**     They're not in there, are they?

7       **A.**     I don't see them.

8       **Q.**     Okay. Let's take a look. They were earlier provided  
9       to us. I want to see what they show.

10      **A.**     Thank you.

11      **Q.**     You're welcome. Do you recognize what I've just handed  
12      you -- and we'll put it up on the screen in a moment -- as  
13      Pages 3 and 4 of your Custom Script packet labeled Exhibit  
14      4 -- labeled demonstrative 44747?

15      **A.**     No, I'm sorry, I don't recognize them as Pages 3 and 4  
16      of this demonstrative. I recognize them as pages out of the  
17      appendix to my expert report.

18      **Q.**     Okay. Do you see at the bottom of the page it has  
19      P-44747-003?

20      **A.**     Yes.

21      **Q.**     Do you see the next page has P-44747-004?

22      **A.**     The ones I have say 004 and 005.

23      **Q.**     I'm sorry. I'm getting my pages wrong. It has Pages 4  
24      and 5 to Exhibit P-44747; correct?

25      **A.**     Correct.

1       **Q.**    Let's put those up on the screen because they're not  
2       part of the packet you were given yesterday.

3           Do you see that this is Custom Script Pharmacy, the one  
4       we've been discussing? Do you see that?

5       **A.**    Yes.

6       **Q.**    Opioid shipments by distributor. Do you see that?

7       **A.**    Yes.

8       **Q.**    Oxycodone, hydrocodone, combined drugs. Do you see  
9       that?

10       **A.**    Yes.

11       **Q.**    I'd like to just focus on the combined -- actually,  
12       we'll do each one by one. If we look at 2010, do you  
13       remember on the prior chart your data from 2010, the one  
14       that was shown to the Court?

15       **A.**    Correct.

16       **Q.**    On this document we see that a meaningful amount of the  
17       dosage units from 2010 were actually supplied by a different  
18       distributor called Quest Pharmaceuticals. Do you see that?

19       **A.**    Yes.

20       **Q.**    And just give us a rough estimation of what fraction of  
21       those 2010 distributions came from another distributor.

22       **A.**    About 40 percent.

23       **Q.**    Okay. And there was also some from Quest, a much lower  
24       amount in 2011; correct?

25       **A.**    Correct.

1 Q. None of that is disclosed on the demonstrative that you  
2 showed the Court, is it?

3 A. No, I think you're mischaracterizing that  
4 demonstrative. You're right. It's not on that  
5 demonstrative.

6 Q. If we look at hydrocodone, it's even more extreme;  
7 correct? I'll spell it out. If we look at hydrocodone  
8 2010, this different distributor not present here in court,  
9 it has 66,000 dosage units; correct?

10 A. Correct.

11 Q. And, roughly speaking, what is that fraction of 2010  
12 hydrocodone?

13 A. 65 percent.

14 Q. And what about for 2011?

15 A. It's about 55 percent, a little bit more, 60 percent.

16 Q. Okay. Let's go back -- let's go back to the page we  
17 were looking at from the exhibit you showed the Court on  
18 direct examination. It's 44747, Page 6. The majority of  
19 these are not from McKesson; correct? I'm sorry. I circled  
20 the wrong one. The majority of these are not from McKesson;  
21 correct?

22 A. Correct.

23 Q. The majority of these are not from McKesson; correct?

24 A. Correct.

25 Q. A portion of these are not from McKesson; correct?

1       **A.**     Correct.

2       **Q.**     And a bigger portion of these are not from McKesson;  
3       correct?

4       **A.**     Correct.

5       **Q.**     None of that was pointed out when you showed this  
6       document yesterday; correct?

7       **A.**     No. I'm sorry, you're mischaracterizing this document  
8       if I could explain it.

9       **Q.**     No, I'd like to ask you if you could answer my  
10      questions. Did you point out -- when you showed this  
11      document yesterday and you talked about these numbers, did  
12      you tell the Court that some of these numbers did not come  
13      from McKesson? Did you tell the Court that fact?

14               MR. MOUGEY: Your Honor, the witness has asked to  
15      explain, if he could please explain. This is the second or  
16      third time Mr. Schmidt has cut him off.

17               MR. SCHMIDT: I've not cut him off, Your Honor.

18               THE COURT: Overruled. Go ahead and answer it if  
19      you can.

20               THE WITNESS: I think I did explain this issue  
21      yesterday.

22               This particular tile or graphic that we're looking at  
23      is shipments, dosage units of hydrocodone and oxycodone into  
24      a particular pharmacy. And for each of the pharmacies we  
25      looked at yesterday, there was a graphic that looked like

1 this and it was all of the distributors into that pharmacy.

2 So -- and I know that we discussed that on three or  
3 four of the graphs. I can't tell you that I did it on every  
4 single one, including this one. But we did that -- I did  
5 that on at least three or four of them. It was highlighted  
6 that this was all of the shipments from all of the  
7 distributors of oxycodone and hydrocodone to that pharmacy.

8 BY MR. SCHMIDT:

9 Q. You don't recall, as you just said, if you did it  
10 with this one?

11 A. Correct.

12 Q. And, for the record, it's transcript 177 and 178 from  
13 yesterday.

14 Let's look at another document that has a similar  
15 issue.

16 Could we cull up 44759.

17 Do you see that this is the packet prepared for  
18 Strosnider Pharmacy --

19 A. Yes.

20 Q. -- in Kermit, West Virginia? Do you see that?

21 A. Yes.

22 Q. How far is Kermit, West Virginia, from Cabell County?

23 A. I don't know.

24 Q. Do you know what county Kermit, West Virginia, is in?

25 A. No.

1 Q. Do you know if it has any geographical tie to Cabell  
2 County or Huntington other than being in the same state?

3 A. No.

4 Q. Do you know if any patient from Huntington or Cabell  
5 ever went to this pharmacy in Kermit, West Virginia, to fill  
6 a prescription?

7 A. No, I don't have the data that allows us to answer  
8 questions like that.

9 Q. Let's go to the second page. Yesterday in talking  
10 about this table, oxycodone and hydrocodone for Strosnider  
11 you made a point of reading into the record the volumes to  
12 that pharmacy. Do you see that?

13 A. Yes.

14 Q. There was no mention of other distributors to that  
15 pharmacy; correct? I think you actually did that today.  
16 I'm sorry.

17 A. Yeah. No, that's not correct.

18 Q. All right. We'll have the transcript. I'll stand on  
19 the transcript. With -- do you have in front of you Exhibit  
20 44759?

21 A. Yes.

22 Q. Is there anywhere in that document you can point us to  
23 where it discloses the large number of dosage units and MMEs  
24 that came from distributors other than McKesson to this  
25 pharmacy?



1       **A.**    It's implied by the subsequent slides, the third page  
2       after this one, but I don't see it spelled out specifically.

3       **Q.**    What other distributors does it name?

4       **A.**    It doesn't name the other distributors. But if you  
5       look at what's page marked 0034, you can see that the dosage  
6       units to Strosnider appears to be about 44 and a half  
7       million dosage units.

8               We see on the first page we're looking at there's about  
9       13 million dosage units. So we know that there was other  
10      pages in this exhibit that were removed as it was narrowed  
11      down from 300 -- the entire packet down from thousands of  
12      pages to whatever was presented yesterday.

13      **Q.**    Okay.

14      **A.**    And it would be listed there, but it's clear that  
15      there's another eight and a half million dosage units from  
16      somewhere else.

17      **Q.**    Let's look at the rest of this document. You have Page  
18      27; correct?

19      **A.**    Yes.

20      **Q.**    Let's go to Page 27, please. And this just shows  
21      McKesson. It doesn't mention any other distributor;  
22      correct?

23      **A.**    Correct.

24      **Q.**    And let's go to Page 34. This just shows McKesson;  
25      correct?

1       **A.**     Correct.

2       **Q.**     It doesn't mention any other distributor; correct?

3       **A.**     Correct.

4       **Q.**     Let's look at what was omitted from this document that  
5 was given to the Court.

6             Thank you. Let's go ahead and put this up on the  
7 screen, Pages 3 and 4 and 5 from the version of P-44759 that  
8 was originally given to us but omitted from the Court  
9 presentation.

10            MR. MOUGEY: Your Honor, I think this is enough of  
11 the color about omitted from the Court. We were ordered to  
12 cut this down from the thousands of pages. We did exactly  
13 what we were ordered to by the Court.

14            And contrary to Mr. Schmidt, every single one of the  
15 pharmacies that we just went through specifically identify  
16 the shipments that came from McKesson.

17            So we didn't omit anything from in front of the Court.  
18 We didn't take anything out. This, this page right here  
19 gives the exact number that McKesson shipped to the  
20 pharmacies, Your Honor. And we gave this to the Court and  
21 specific number from McKesson. And we were ordered to  
22 remove slides from this deck to cull the numbers down.

23            So the color that we've omitted or somehow haven't  
24 presented those to the Court, I let it go three, four, five  
25 times but I think --

1 THE COURT: Okay. I'll sustain the objection to  
2 the editorial comment. Move on.

3 MR. SCHMIDT: Sure, Your Honor. Thank you.

4 BY MR. SCHMIDT:

5 Q. Okay. Do you see this has combined drug dosage  
6 units?

7 A. Yes.

8 Q. Do you see that, sir?

9 A. Yes.

10 Q. This is your data; correct?

11 A. Correct.

12 Q. And we see that in 2010 -- I'm sorry -- 2006 McKesson  
13 is the majority but not the only one; correct?

14 A. Correct.

15 Q. 2007 is the majority but there are other significant  
16 distributors; correct?

17 A. There's one other significant distributor, yes.

18 Q. 2008 it's only other distributors; correct?

19 A. I apologize. Correct.

20 Q. 2009 it's only other distributors; correct?

21 A. Correct.

22 Q. 2010 McKesson has a minority. I'm sorry. 2010 is only  
23 other distributors; correct?

24 A. Correct.

25 Q. And then in 2011 McKesson has a smaller share; correct?

1       **A.**     Correct.

2       **Q.**     The majority of shipments to this pharmacy were from  
3       distributors other than McKesson; correct?

4       **A.**     Correct.

5       **Q.**     Let's turn to Rite-Aid. You talked about some Rite-Aid  
6       pharmacies. Do you recall that?

7       **A.**     Yes.

8       **Q.**     Let's put up 44757 on the screen. This was your  
9       Rite-Aid document and it was four pharmacies combined;  
10      right?

11      **A.**     I apologize. It took me a minute to find it. Got it.

12      **Q.**     Okay. Your Rite-Aid analysis was four pharmacies  
13      combined; correct?

14      **A.**     Correct.

15      **Q.**     And you understand that a number of chain pharmacies  
16      like Rite-Aid did what's called self-distribution?

17      **A.**     Yes.

18      **Q.**     And that means that they get some of the prescription  
19      opioids from traditional distributors like McKesson, but  
20      they also get some prescription opioids directly from the  
21      manufacturer they distribute to themselves; correct?

22      **A.**     Correct.

23      **Q.**     And if we go to Page 6 of this document, we see the  
24      actual allocation between Rite-Aid and McKesson year over  
25      year. Do you see that?

1       **A.**     Yes.

2       **Q.**     And do you see that in the years you have here,  
3       Rite-Aid is always the majority distributor when it comes to  
4       dosage units?

5       **A.**     Yes.

6       **Q.**     Do you understand that Rite-Aid is actually a defendant  
7       in this case, just not in this trial? Do you have that  
8       understanding?

9       **A.**     I'm sorry. I don't have an understanding one way or  
10      the other.

11      **Q.**     You have given opinions against Rite-Aid in other  
12      cases; correct?

13      **A.**     I believe so, yes. At least I recall being  
14      cross-examined by Rite-Aid lawyers, so --

15      **Q.**     You must have gave opinions.

16      **A.**     They must have been interested in the case.

17      **Q.**     In this instance for these four Rite-Aids, McKesson was  
18      the minority in terms of dosage units; correct?

19      **A.**     Correct.

20      **Q.**     Let's go to Page 12. McKesson is the minority of these  
21      dosage units; correct?

22      **A.**     Correct.

23      **Q.**     When Mr. Mougey put numbers up on the board, most of  
24      those numbers applied to Rite-Aid; correct?

25      **A.**     No, they applied to the combined shipments of Rite-Aid

1 and McKesson and a little bit of Anda to these four  
2 pharmacies.

3 **Q.** The majority portion of those combined shipments came  
4 from Rite-Aid; correct?

5 **A.** Correct.

6 **Q.** Thank you. Let's go to Page 14 of this document. You  
7 mentioned briefly about the fact that McKesson picked up  
8 this Rite-Aid share. I think you said 2015, but I think  
9 it's actually in 2014. Do you recall giving that testimony?

10 **A.** Yes.

11 **Q.** Do you know why McKesson picked up that share?

12 **A.** No. I know generally there was something to do with  
13 rescheduling of hydrocodone, but it's not really relevant  
14 for analyzing or presenting the data. It may affect the  
15 interpretation of the data, but a lot -- like a lot of your  
16 other questions, it doesn't really affect the numbers. It  
17 may just affect the interpretation.

18 MR. SCHMIDT: I'd ask the witness not give  
19 commentary on my questions.

20 THE COURT: Please just answer the question  
21 specifically, Dr. McCann.

22 BY MR. SCHMIDT:

23 **Q.** Can you tell us how much the Rite-Aid bubbles went  
24 down when McKesson took over?

25 **A.** The shipments appear to have declined by approximately

1 half, maybe a little bit less, 40 percent or something like  
2 that.

3 **Q.** And to be fair to my friends at ABDC, they continued to  
4 go down when ABDC took over; correct?

5 **A.** Yes, at least through the time period that ABDC was  
6 shipping to this pharmacy.

7 **Q.** Okay. Just, just so I cover it, can we put up I think  
8 two pages you showed from this.

9 The page we have here, Page 14, can we put it up on the  
10 screen beside Page 31.

11 Now I want to focus on the gray lines. Do you see the  
12 gray lines that appear in the same pattern on both but  
13 they're higher on the right than they are on the left?

14 **A.** Yes.

15 **Q.** Is that gray data the same data on two charts?

16 **A.** It is. The vertical scale is a little bit different.

17 **Q.** That's what I was going to say. You just changed the  
18 scale on the two charts; correct?

19 **A.** Right, because some of the green bars go above the  
20 maximum height of the gray bar.

21 **Q.** Okay. And you did that with some of your other charts  
22 too. You changed some of the scale on some of the charts;  
23 correct?

24 **A.** Correct, to fit the -- to display the data, that's  
25 correct.

1       **Q.**    Let's look at Exhibit 44753.  This is Hurley Drug  
2       Company in Williamson, West Virginia.  Do you know where  
3       that is in West Virginia?

4       **A.**    No.

5       **Q.**    Do you know where Mingo County is relative to Cabell  
6       County, how far away it is?

7       **A.**    No.

8       **Q.**    Do you know of any geographical tie between this  
9       pharmacy and Cabell-Huntington other than that they're both  
10      in West Virginia?

11      **A.**    No.

12      **Q.**    Let's look at Page 84, please.  It's part of your  
13      packet, 44753.  Sorry, Page 84.  And do you see you've shown  
14      McKesson data here?

15      **A.**    Yes.

16      **Q.**    I want to just illustrate how the scale changes on some  
17      of these slides.  Do you have a Page 53 in your packet of  
18      Exhibit 44753?

19      **A.**    No.

20      **Q.**    It was produced to us, so let's put that side-by-side  
21      on the screen.  Does this data that we see on Page 84 appear  
22      on Page 53?

23      **A.**    Yes.

24      **Q.**    Am I correct that that is it?

25      **A.**    Yes.



1       **Q.**     Just that you've changed the scale; correct?

2       **A.**     It's not just that I changed the scale. The vertical  
3       scale is just enough to cover the tallest bars. And, so,  
4       earlier on 84 -- I'm sorry -- on the, on the 53 page, the  
5       highest bars reach 200,000. The highest bars on the 84  
6       reach 35,000.

7             And, so, if you were to plot them on the same scale,  
8       either on one of the graphs the data would shoot through the  
9       ceiling and not be reflected, or on the other graph the  
10      values would be so low that you wouldn't see the same  
11      pattern. You wouldn't see the entire pattern. I think that  
12      I plotted these two graphs correctly to illustrate the data  
13      fairly.

14      **Q.**     So if you would have carried through this scale that  
15      you used here to look at McKesson data alone, the numbers  
16      would have been so low that you couldn't see the pattern  
17      correctly. That's what you just told us; correct?

18      **A.**     That's not precisely what I said, or it's not what I  
19      meant.

20      **Q.**     Then we'll stand on the record.

21      **A.**     If I might.

22             MR. SCHMIDT: I'm ready to move on, Your Honor.

23             MR. MOUGEY: Your Honor, if he can explain. I  
24      mean, he's asked three times to finish, at least finish his  
25      answer before Mr. Schmidt interrupts him.

1 THE COURT: He does have a right to explain his  
2 answer but within reason.

3 Is this a good place to stop, Mr. Schmidt?

4 MR. SCHMIDT: It is, Your Honor. I have one more  
5 topic, but it's probably going to be 15 minutes.

6 THE COURT: All right. And I'm sure Cardinal will  
7 want to cross as well. I can't see you behind the chart.

8 MS. SALGADO: Your Honor, I'm still here, although  
9 I've been blocked.

10 THE COURT: Ms. Salgado, you want a chance to bat  
11 in this game; correct?

12 MS. SALGADO: That would be appreciated, Your  
13 Honor.

14 THE COURT: Okay. Well, we'll be in recess until  
15 9:00 in the morning.

16 Dr. McCann, we'll see you back here at 9:00.

17 MS. SALGADO: Your Honor, just one request, if the  
18 Court could please remind the witness not to confer with  
19 counsel over the course of the evening.

20 THE COURT: Well, is there any objection to that?  
21 I mean --

22 MR. FARRELL: No, Judge. We're aware of our  
23 obligations.

24 THE COURT: I'm sure you are, Mr. Farrell.

25 Don't talk to the lawyers, Dr. McCann.

1 MS. SALGADO: Thank you, Your Honor.

2 THE COURT: All right, I'll see everybody  
3 tomorrow.

4 (Trial recessed at 4:58 p.m.)  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

## 1 CERTIFICATION:

2 I, Ayme A. Cochran, Official Court  
3 Reporter, and I, Lisa A. Cook, Official Court Reporter,  
4 certify that the foregoing is a correct transcript from  
5 the record of proceedings in the matter of The City of  
6 Huntington, et al., Plaintiffs vs. AmerisourceBergen  
7 Drug Corporation, et al., Defendants, Civil Action No.  
8 3:17-cv-01362 and Civil Action No. 3:17-cv-01665, as  
9 reported on May 11, 2021.

10  
11 S\Ayme A. Cochran

12 Reporter

13 s\Lisa A. Cook

14 Reporter

15 —

16 May 11, 202117 Date  
18  
19  
20  
21  
22  
23  
24  
25

#	45:9, 45:15, 47:1, 87:9, 109:1, 109:21, 162:9	126 [1] - 3:5 13 [7] - 14:17, 29:6, 29:7, 31:15, 71:22, 173:4, 193:9	137:9, 139:12, 148:18 1998 [4] - 28:14, 28:15, 28:20, 81:7	88:4, 88:6, 148:18, 195:15
#11 [2] - 13:24, 142:8 #12 [1] - 142:4 #6 [2] - 85:2, 85:5	10,000 [2] - 47:12, 47:17 10,206,440 [1] - 60:6 10,414,966,518 [1] - 52:19	13,169,550 [1] - 41:23 13,408,960 [1] - 60:6 130,796,385 [1] - 53:2	1999 [1] - 28:20 1st [2] - 172:11, 172:14	2007-2008 [1] - 71:18 2008 [5] - 33:1, 34:24, 44:17, 50:24, 195:18
,		130-some [1] - 10:1		2009 [25] - 14:24, 15:1, 15:6, 16:13, 16:15, 16:18, 17:1, 24:5, 24:8, 36:23, 38:9, 40:9, 44:17, 46:5, 46:11, 50:24, 83:16, 134:17, 134:25, 135:1, 135:22, 139:3, 139:13, 156:24, 195:20
'04 [1] - 14:4 '06 [5] - 14:4, 40:8, 42:14, 50:21, 58:16 '07 [1] - 40:9 '10 [2] - 40:9, 46:11 '11 [2] - 28:19, 40:9 '12 [1] - 51:1 '13 [1] - 51:1 '14 [4] - 14:5, 45:22, 50:21, 58:16 '16 [1] - 29:15 '19 [1] - 25:1 '90s [1] - 83:16 '97 [1] - 139:3	10-milligram [2] - 75:13, 75:15 10.66 [1] - 177:7 100 [7] - 108:9, 108:12, 109:12, 109:13, 109:21, 109:22, 155:12 100% [1] - 98:18 100,000 [1] - 16:24 1001 [2] - 2:10, 4:6 1006 [3] - 54:20, 58:6, 63:12 1006s [3] - 60:21, 61:4, 62:16 1022 [1] - 3:5 1029 [1] - 105:21 103 [1] - 20:23 104(b) [1] - 48:6 109 [1] - 182:6 109,811,500 [1] - 181:14 10:30 [1] - 48:20 10:36 [1] - 48:23 11 [7] - 1:19, 7:4, 13:14, 147:22, 147:23, 204:9, 204:15 11,272,938,250 [1] - 58:17 11,819,160 [1] - 60:6 110,021,090 [1] - 57:2 113 [1] - 20:23 116,335,714 [1] - 14:10 116,528,380 [1] - 58:19 11:48 [1] - 94:11 12 [17] - 13:12, 13:20, 23:19, 25:6, 103:12, 108:21, 108:24, 109:22, 147:22, 147:23, 156:3, 156:10, 160:14, 164:4, 197:20 12,147,330,630 [1] - 56:23 12,518,872 [1] - 21:7 12,783,195 [1] - 21:6 12-month [1] - 25:7 121,309,017 [1] - 32:11 124,728,090 [1] - 27:3	1300 [1] - 6:15 1311 [2] - 2:4, 2:16 134 [1] - 173:2 138 [3] - 7:19, 8:16 14 [10] - 22:18, 23:4, 49:19, 49:22, 49:23, 71:22, 87:22, 87:24, 198:6, 199:9 14,204,630 [1] - 27:1 14,554,735 [1] - 13:25 14,850,710 [1] - 14:7 142 [1] - 129:23 14th [1] - 150:23 15 [8] - 15:7, 15:9, 15:18, 17:25, 19:16, 155:12, 177:19, 202:5 15,109,160 [1] - 60:7 15,200 [10] - 109:23, 110:1, 110:7, 110:19, 111:8, 111:11, 112:21, 113:3, 113:11, 115:18 15,544,160 [1] - 32:9 15-milligram [1] - 19:2 150 [1] - 155:13 15910 [1] - 3:18 16 [1] - 27:15 160 [1] - 134:18 1600 [1] - 3:17 17 [3] - 22:3, 168:11, 169:13 17,548,450 [1] - 21:5 17,623,110 [1] - 180:1 1717 [2] - 6:6, 6:13 175 [1] - 42:23 175,000 [1] - 42:16 177 [1] - 191:12 178 [1] - 191:12 18 [3] - 15:18, 15:22, 16:5 18th [2] - 108:5, 108:14 19 [2] - 16:25, 175:23 19087 [1] - 6:15 19103 [2] - 6:6, 6:13 1956 [1] - 127:6 1996 [1] - 28:1 1997 [8] - 81:3, 81:6, 81:7, 81:8, 112:10,	2 2 [17] - 13:9, 13:12, 13:17, 13:22, 15:5, 26:1, 32:2, 36:9, 36:10, 39:13, 42:18, 43:13, 43:21, 52:6, 56:24, 142:6, 184:7 2,194,970 [1] - 13:24 2,960,490 [1] - 21:3 2.8 [1] - 50:24 2.9 [1] - 50:25 20 [11] - 8:6, 9:6, 9:12, 9:14, 9:17, 9:23, 10:25, 11:9, 26:5, 110:22, 115:10 20% [3] - 110:20, 110:23, 111:9 20,000 [1] - 34:2 20,629,035 [1] - 36:17 200 [4] - 155:6, 155:15, 155:16 200,000 [1] - 201:5 2000 [1] - 41:2 20001 [1] - 5:12 20004 [1] - 4:7 20005 [3] - 4:14, 4:16, 5:5 2001 [1] - 160:24 2004 [2] - 18:17, 47:8 2005 [4] - 33:1, 34:24, 38:9, 46:5 2006 [34] - 27:21, 28:11, 39:19, 43:22, 49:16, 50:20, 50:22, 51:25, 59:14, 59:23, 60:5, 60:9, 63:20, 63:22, 70:13, 70:15, 70:16, 70:17, 70:18, 71:6, 71:10, 71:11, 71:13, 72:23, 73:10, 74:8, 74:16, 75:18, 85:18, 129:24, 134:12, 134:16, 158:23, 195:12 2006-2007 [3] - 71:14, 71:21 2006-2014 [1] - 164:13 2007 [15] - 42:14, 50:22, 51:25, 71:16, 71:17, 73:10, 77:22, 87:13, 87:19, 87:22,	2010 [25] - 16:6, 19:10, 24:5, 24:9, 28:15, 28:19, 34:4, 36:23, 37:2, 50:25, 75:18, 117:12, 117:20, 117:21, 142:2, 186:12, 188:12, 188:13, 188:17, 188:21, 189:8, 189:11, 195:12, 195:22 2011 [33] - 17:13, 17:19, 17:23, 18:3, 34:4, 46:8, 51:1, 88:2, 88:17, 88:22, 88:24, 89:1, 89:3, 89:14, 90:9, 90:21, 90:23, 103:24, 104:5, 104:8, 104:23, 108:5, 108:14, 109:9, 110:13, 110:24, 111:7, 111:20, 112:22, 186:13, 188:24, 189:14, 195:25 2012 [11] - 87:13, 87:19, 88:7, 141:9, 141:10, 141:13, 141:17, 141:20, 141:21, 141:23, 186:14 2013 [2] - 59:8, 186:14 2014 [27] - 27:21, 28:11, 39:19, 41:3, 43:22, 46:8, 49:16, 51:2, 51:25, 60:8, 60:9, 63:20, 63:22, 72:23, 83:18, 85:18, 129:24, 139:6, 139:16, 158:11, 158:17, 158:23, 159:2, 159:11, 159:21, 160:8, 198:9 2015 [6] - 23:8, 25:1,
0				
0.0 [1] - 155:1 002 [1] - 141:9 003 [1] - 141:7 0034 [1] - 193:5 004 [1] - 187:22 005 [1] - 187:22 00907 [2] - 2:5, 2:17 03 [1] - 130:4 03% [1] - 98:14				
1				
1 [11] - 25:20, 31:17, 31:19, 49:11, 51:13, 55:13, 108:6, 109:11, 109:22, 117:3, 158:14 1% [1] - 101:5 1,000 [3] - 50:11, 109:5, 109:21 1,161,000,000 [1] - 59:8 1,484,727,050 [1] - 59:9 1,500 [1] - 151:23 1,717,860 [1] - 21:6 1,821,040 [1] - 21:5 1,887,010 [1] - 21:4 1.1 [1] - 24:8 1.2 [1] - 17:16 1.5 [3] - 17:14, 17:16, 17:21 1.9 [6] - 15:5, 16:13, 16:24, 17:1, 17:6 10 [9] - 35:6, 45:5,				

29:15, 35:18, 35:19, 198:8 <b>2016</b> [2] - 83:20, 139:8 <b>2017</b> [1] - 137:9 <b>2018</b> [7] - 22:10, 25:1, 73:9, 150:23, 152:5, 152:17, 184:4 <b>2019</b> [1] - 160:23 <b>202</b> [2] - 2:4, 2:16 <b>2020</b> [3] - 172:11, 172:14, 174:12 <b>2021</b> [5] - 1:19, 7:4, 71:20, 204:9, 204:15 <b>21</b> [1] - 155:12 <b>21.08</b> [3] - 181:18, 181:23, 181:25 <b>21.0849</b> [1] - 181:24 <b>21st</b> [1] - 108:21 <b>2216</b> [1] - 3:7 <b>23</b> [2] - 180:13, 180:21 <b>23,153,710</b> [2] - 179:11, 181:10 <b>24,500</b> [1] - 104:10 <b>25</b> [6] - 5:5, 155:12, 167:23, 176:25, 179:20, 180:15 <b>25%</b> [2] - 110:22, 115:10 <b>25,000</b> [2] - 38:15, 41:4 <b>25,790,501</b> [1] - 13:23 <b>25,802,016</b> [1] - 21:4 <b>25301</b> [3] - 2:8, 3:13, 4:19 <b>25322</b> [1] - 6:9 <b>25338-3843</b> [1] - 5:15 <b>255</b> [9] - 82:5, 83:2, 161:24, 162:18, 162:20, 162:24, 163:15, 163:24, 164:6 <b>255/257</b> [1] - 139:2 <b>257</b> [7] - 82:5, 83:2, 162:1, 162:11, 162:14, 163:24, 164:7 <b>25701</b> [1] - 3:10 <b>27</b> [3] - 41:24, 193:18, 193:20 <b>27,400</b> [1] - 104:9 <b>27,661,373</b> [1] - 43:19 <b>27,900</b> [1] - 89:8 <b>28</b> [3] - 3:15, 4:3, 4:9 <b>29</b> [2] - 127:8, 127:20 <b>29464</b> [3] - 3:15, 4:4, 4:9 <b>2:00</b> [1] - 94:10	<b>3</b> <b>3</b> [9] - 26:1, 53:21, 96:1, 96:6, 118:6, 187:3, 187:13, 187:15, 194:7 <b>3,308,400</b> [1] - 36:15 <b>3,311,630</b> [1] - 13:22 <b>3,333,180</b> [1] - 43:17 <b>3.2</b> [1] - 51:1 <b>3.3</b> [1] - 51:2 <b>3.4</b> [1] - 51:2 <b>3.8</b> [1] - 17:8 <b>3.8%</b> [1] - 98:1 <b>3.84%</b> [1] - 97:24 <b>30</b> [14] - 8:6, 11:5, 11:9, 11:23, 12:1, 12:8, 12:9, 19:2, 19:16, 25:6, 144:17, 144:20 <b>30,000</b> [2] - 25:3, 89:12 <b>30-milligram</b> [3] - 19:2, 19:3, 136:11 <b>300</b> [2] - 17:15, 193:11 <b>300,000</b> [3] - 17:15, 38:17, 41:6 <b>303</b> [1] - 127:6 <b>31</b> [3] - 24:19, 24:20, 199:10 <b>3100</b> [2] - 6:5, 6:12 <b>316</b> [1] - 2:13 <b>32,000</b> [1] - 47:13 <b>32502</b> [1] - 2:14 <b>33</b> [2] - 155:12 <b>33%</b> [2] - 27:3, 27:8 <b>3311</b> [1] - 21:5 <b>34</b> [1] - 193:24 <b>3423</b> [1] - 21:4 <b>35</b> [2] - 107:22, 108:5 <b>35%</b> [1] - 21:15 <b>35,000</b> [2] - 88:25, 201:6 <b>35,200</b> [1] - 89:17 <b>350</b> [1] - 7:17 <b>36</b> [7] - 46:15, 47:4, 153:15, 153:20, 153:23, 154:24 <b>36%</b> [2] - 27:2, 27:5 <b>36,542,089</b> [1] - 13:21 <b>360,000</b> [3] - 25:6, 25:7, 127:23 <b>37%</b> [3] - 21:14, 21:19, 21:21 <b>37,363,600</b> [1] - 179:6 <b>38</b> [1] - 17:8 <b>38,100</b> [3] - 74:8, 74:13, 74:15 <b>3843</b> [1] - 5:14	<b>39,448,389</b> [1] - 13:19 <b>3:17-cv-01362</b> [2] - 1:5, 204:8 <b>3:17-cv-01665</b> [2] - 1:11, 204:8 <b>3:35</b> [1] - 142:20 <b>4</b> <b>4</b> [12] - 42:21, 42:23, 109:4, 109:21, 118:7, 147:7, 187:3, 187:13, 187:14, 187:15, 187:23, 194:7 <b>4,000.00</b> [1] - 109:21 <b>4,346,490</b> [1] - 13:18 <b>4,997,620</b> [1] - 13:20 <b>4-500%</b> [1] - 28:20 <b>40</b> [3] - 108:17, 188:22, 199:1 <b>40,000</b> [1] - 40:12 <b>400,000</b> [3] - 15:3, 37:1, 37:2 <b>401</b> [3] - 2:10, 4:6, 39:11 <b>405</b> [1] - 2:7 <b>41</b> [5] - 26:6, 37:4, 37:13, 108:17, 155:11 <b>42</b> [6] - 43:25, 44:1, 44:23, 108:17, 166:1, 166:3 <b>42,000</b> [1] - 47:17 <b>42,240</b> [1] - 88:23 <b>42879</b> [4] - 49:3, 49:11, 51:4, 158:14 <b>43</b> [2] - 166:1, 166:3 <b>44</b> [2] - 38:22, 193:6 <b>44%</b> [1] - 14:11 <b>44,700</b> [2] - 89:2, 89:16 <b>44318</b> [4] - 51:10, 51:14, 54:3, 55:11 <b>44711</b> [8] - 156:3, 160:14, 164:4, 167:23, 175:17, 179:20, 180:15 <b>44723</b> [2] - 55:13, 56:11 <b>44726</b> [2] - 56:15, 57:4 <b>44731</b> [2] - 57:13, 58:5 <b>44734</b> [4] - 58:11, 59:18, 60:14, 159:7 <b>4474</b> [1] - 185:13 <b>44744</b> [4] - 43:8, 43:13, 45:5, 47:18 <b>44747</b> [2] - 187:14, 189:18 <b>44748</b> [4] - 25:16,	25:21, 29:17 <b>44748s</b> [1] - 25:17 <b>44750</b> [5] - 36:4, 36:6, 36:19, 37:5, 39:5 <b>44751</b> [3] - 29:21, 33:16, 35:23 <b>44752</b> [5] - 13:3, 13:9, 15:9, 18:8, 20:8 <b>44753</b> [5] - 39:10, 41:8, 200:1, 200:13, 200:18 <b>44757</b> [7] - 20:17, 21:8, 22:4, 23:20, 24:20, 25:9, 196:8 <b>44759</b> [5] - 41:15, 41:25, 43:1, 191:16, 192:20 <b>4478</b> [1] - 27:16 <b>45</b> [3] - 48:14, 64:24, 177:17 <b>45%</b> [1] - 14:8 <b>45,000</b> [2] - 47:13 <b>46</b> [2] - 26:6, 109:11 <b>4:58</b> [1] - 203:4 <b>5</b> <b>5</b> [7] - 13:11, 13:18, 75:15, 142:1, 147:7, 187:24, 194:7 <b>5,000</b> [5] - 99:1, 99:2, 99:11, 109:2, 109:22 <b>5,530,600</b> [2] - 180:19, 182:3 <b>5,929,872,902</b> [1] - 52:19 <b>5-milligram</b> [1] - 75:12 <b>5.83</b> [1] - 177:10 <b>5.99</b> [1] - 182:12 <b>50</b> [3] - 60:11, 163:18 <b>50,000</b> [3] - 34:21, 42:12, 127:22 <b>500</b> [7] - 69:24, 70:4, 108:22, 108:24, 109:2, 109:22 <b>500,000</b> [1] - 50:10 <b>51</b> [1] - 20:21 <b>53</b> [3] - 200:17, 200:22, 201:4 <b>53%</b> [2] - 14:7, 14:10 <b>54</b> [2] - 32:12, 32:14 <b>55</b> [2] - 28:22, 189:15 <b>55%</b> [1] - 98:11 <b>553</b> [1] - 6:8 <b>56</b> [1] - 3:4 <b>56%</b> [2] - 21:17, 21:19 <b>565</b> [2] - 31:10, 31:22 <b>567</b> [4] - 36:10, 36:14, 36:25, 38:14 <b>56th</b> [1] - 3:5	<b>57,000</b> [1] - 111:13 <b>57,200</b> [1] - 110:1 <b>57,720</b> [2] - 104:13, 110:19 <b>58</b> [2] - 33:14, 33:15 <b>59</b> [2] - 37:22, 37:24 <b>594</b> [1] - 67:9 <b>6</b> <b>6</b> [29] - 14:2, 14:13, 21:8, 21:23, 26:24, 45:18, 45:22, 74:8, 74:16, 85:10, 85:17, 85:22, 86:11, 86:12, 86:13, 86:15, 86:22, 88:3, 88:17, 89:5, 105:21, 123:1, 182:12, 182:14, 182:19, 186:11, 189:18, 196:23 <b>6,000</b> [2] - 108:24, 109:22 <b>6,130</b> [1] - 57:25 <b>6,137,854,790</b> [1] - 57:25 <b>6.90</b> [1] - 177:4 <b>60</b> [1] - 189:15 <b>60,000</b> [2] - 47:14, 47:15 <b>600</b> [3] - 2:13, 66:24, 144:21 <b>611</b> [1] - 10:14 <b>62</b> [2] - 18:8, 18:11 <b>63%</b> [1] - 21:13 <b>64%</b> [4] - 21:16, 21:17, 27:1, 27:8 <b>64,416,766</b> [1] - 39:21 <b>65</b> [1] - 189:13 <b>66</b> [2] - 26:7, 160:21 <b>66,000</b> [1] - 189:9 <b>66,184,285</b> [1] - 58:3 <b>67%</b> [2] - 27:4, 27:5 <b>68</b> [4] - 33:17, 33:18, 39:22, 40:1 <b>69</b> [2] - 18:19, 18:20 <b>6:00</b> [1] - 7:24 <b>6th</b> [1] - 3:5 <b>7</b> <b>7</b> [5] - 1:16, 14:13, 36:19, 123:15, 185:14 <b>7,000</b> [2] - 54:13, 110:11 <b>7,500</b> [1] - 179:13 <b>7.14%</b> [1] - 98:7 <b>70130</b> [1] - 3:8 <b>707</b> [1] - 4:18
--	--	--	---	--

<p>716 [1] - 3:12  72 [2] - 24:11, 24:13  72,422,370 [1] - 21:15  725 [2] - 4:13, 4:15  745 [1] - 178:15  748 [1] - 154:5  75 [3] - 19:4, 160:17, 160:20  75,000 [1] - 47:16  76 [1] - 20:22  76.1 [2] - 168:13, 169:2  7:00 [1] - 106:2</p>	<p><b>A</b></p> <p><b>A-Plus</b> [3] - 166:7, 166:10, 166:12  <b>a.m</b> [3] - 7:4, 48:23, 94:11  <b>ABC</b> [1] - 44:11  <b>ABCD-MDL-01911460</b> [1] - 107:19  <b>ABDC</b> [16] - 15:10, 32:17, 44:13, 57:24, 145:3, 146:10, 152:6, 153:11, 159:11, 159:20, 160:11, 175:24, 175:25, 199:3, 199:4, 199:5  <b>ABDC's</b> [2] - 103:20, 109:20  <b>ABDC-MDL-01911460</b> [1] - 105:6  <b>ability</b> [2] - 134:7, 173:13  <b>able</b> [12] - 9:9, 14:18, 16:3, 21:23, 23:4, 27:11, 44:22, 45:15, 148:13, 149:17, 149:18, 185:21  <b>absence</b> [2] - 122:9, 152:22  <b>absolutely</b> [2] - 64:17, 122:8  <b>accept</b> [3] - 76:20, 118:14, 137:25  <b>accepting</b> [1] - 136:23  <b>access</b> [4] - 87:1, 87:5, 149:17, 149:18  <b>accordance</b> [1] - 8:1  <b>According</b> [1] - 153:15  <b>according</b> [10] - 18:24, 19:14, 24:16, 29:2, 46:20, 90:9, 115:2, 146:19, 170:1, 177:4  <b>account</b> [5] - 15:14, 16:1, 174:16, 175:4, 175:12  <b>accounts</b> [1] - 175:4  <b>accuracy</b> [3] - 80:6, 104:17, 116:3  <b>accurate</b> [7] - 115:14, 145:8, 145:11, 145:25, 146:3, 146:7, 171:12  <b>accurately</b> [3] - 114:6, 114:23, 115:20  <b>Ackerman</b> [1] - 105:20  <b>ACKERMAN</b> [3] - 2:9,</p>	<p>105:17, 105:20  <b>acquiescing</b> [1] - 171:13  <b>acquired</b> [2] - 100:5, 115:15  <b>Action</b> [4] - 1:4, 1:10, 204:7, 204:8  <b>actions</b> [2] - 135:15  <b>active</b> [1] - 119:25  <b>activities</b> [1] - 167:9  <b>actual</b> [7] - 10:20, 40:4, 50:16, 120:2, 154:18, 181:1, 196:24  <b>add</b> [8] - 24:4, 30:23, 42:22, 50:15, 54:17, 55:2, 74:17, 109:20  <b>added</b> [5] - 151:13, 151:19, 151:22, 152:5, 181:12  <b>adding</b> [1] - 17:6  <b>addition</b> [4] - 60:22, 73:12, 77:23, 156:13  <b>additional</b> [7] - 19:8, 44:5, 45:13, 56:2, 91:24, 108:18, 109:12  <b>address</b> [2] - 7:12, 30:11  <b>adjoining</b> [1] - 81:25  <b>adjusted</b> [1] - 90:18  <b>adjustment</b> [2] - 174:15, 174:19  <b>adjustments</b> [6] - 174:18, 174:21, 175:3, 175:6, 175:11, 175:15  <b>Administration</b> [2] - 68:8, 72:25  <b>admissibility</b> [1] - 123:12  <b>admitted</b> [1] - 153:7  <b>adverse</b> [4] - 8:23, 10:15, 118:13  <b>Affairs</b> [3] - 171:1, 171:24, 173:6  <b>affect</b> [3] - 198:14, 198:16, 198:17  <b>affected</b> [1] - 124:14  <b>afternoon</b> [6] - 8:17, 11:1, 13:1, 94:14, 94:15, 143:8  <b>agencies</b> [1] - 91:8  <b>agents</b> [3] - 114:1, 115:3, 149:8  <b>aggregate</b> [2] - 69:18, 148:5  <b>ago</b> [10] - 60:20, 61:21, 71:5, 76:21, 87:22, 87:25,</p>	<p>100:25, 156:4, 177:23, 179:22  <b>agree</b> [7] - 62:10, 68:22, 83:12, 115:16, 121:8, 133:7, 169:6  <b>agreement</b> [1] - 171:11  <b>ahead</b> [8] - 30:3, 30:24, 51:8, 60:17, 107:2, 155:11, 190:18, 194:6  <b>Aid</b> [43] - 19:19, 20:16, 20:18, 20:20, 21:2, 21:3, 21:4, 21:5, 21:6, 21:12, 21:14, 21:15, 21:25, 22:6, 22:22, 22:23, 22:24, 23:6, 23:12, 23:15, 24:3, 24:5, 24:7, 24:15, 24:19, 24:24, 25:2, 31:3, 196:5, 196:9, 196:12, 196:16, 196:24, 197:3, 197:6, 197:11, 197:14, 197:24, 197:25, 198:4, 198:8, 198:23  <b>Aids</b> [1] - 197:17  <b>al</b> [4] - 1:7, 1:13, 204:6, 204:7  <b>Alaska</b> [2] - 52:4, 52:5  <b>algorithm</b> [1] - 170:18  <b>allocation</b> [1] - 196:24  <b>allow</b> [5] - 53:9, 75:13, 151:23, 152:5, 163:22  <b>allowed</b> [2] - 11:19, 75:14  <b>allows</b> [2] - 10:14, 192:7  <b>almost</b> [10] - 15:15, 22:8, 37:19, 45:16, 45:24, 46:8, 47:9, 47:14, 143:17  <b>alone</b> [1] - 201:15  <b>alphabetically</b> [1] - 52:4  <b>AM-WV-01473</b> [1] - 90:6  <b>Amerisource</b> [1] - 90:14  <b>AMERISOURCEBERGEN</b> [2] - 1:7, 1:13  <b>AmerisourceBergen</b> [87] - 6:2, 7:8, 9:5, 9:12, 14:8, 14:10, 15:10, 16:1, 16:5, 16:8, 16:16, 16:19, 17:2, 18:12, 18:16,</p>	<p>18:18, 22:6, 22:16, 23:2, 23:16, 35:14, 55:14, 55:21, 56:5, 56:16, 57:14, 57:21, 58:1, 59:15, 65:7, 65:12, 68:4, 69:14, 70:7, 70:15, 71:3, 71:10, 72:17, 72:21, 72:22, 74:9, 74:14, 74:19, 77:23, 85:16, 85:20, 85:23, 86:10, 86:20, 87:14, 87:16, 88:16, 88:21, 90:16, 93:11, 98:25, 99:5, 99:10, 102:15, 104:8, 108:13, 109:8, 109:24, 110:8, 112:22, 112:25, 113:3, 113:8, 115:15, 115:21, 123:25, 124:12, 124:23, 125:1, 125:2, 126:13, 129:14, 135:21, 137:4, 141:12, 141:16, 141:21, 142:1, 179:8, 204:6  <b>AmerisourceBergen's</b> [30] - 73:14, 89:4, 89:15, 92:13, 93:2, 93:6, 93:21, 99:3, 99:8, 102:13, 102:19, 102:21, 103:5, 104:12, 104:23, 106:7, 108:2, 108:11, 110:23, 111:6, 112:16, 112:20, 113:1, 113:12, 114:23, 115:18, 124:6, 124:18, 131:19, 140:11  <b>amount</b> [24] - 14:25, 38:12, 42:13, 45:25, 46:1, 68:20, 75:3, 75:17, 83:25, 100:18, 101:14, 125:24, 146:18, 155:18, 168:17, 169:6, 181:7, 181:8, 181:10, 181:12, 184:5, 188:16, 188:24  <b>amounts</b> [2] - 22:25, 101:4  <b>analogous</b> [1] - 176:18  <b>analyses</b> [15] - 143:18, 148:14,</p>
<p><b>8</b></p> <p>8 [2] - 147:15, 147:16  8,801,300 [1] - 21:13  8,814,700,230 [1] - 56:6  80,000 [3] - 34:6, 47:14, 47:16  801 [1] - 3:10  84 [10] - 19:22, 34:12, 34:14, 40:14, 40:17, 200:12, 200:13, 200:21, 201:4, 201:5  843 [1] - 59:7  850 [1] - 5:12  88.43% [2] - 97:6, 98:18</p>	<p><b>9</b></p> <p>9 [4] - 147:15, 147:16, 154:5, 178:15  9,869,830 [1] - 39:17  9.2 [2] - 119:1, 121:5  90,000 [1] - 47:14  901 [1] - 4:18  91436 [1] - 3:18  92,18 [1] - 182:7  92,188,390 [1] - 182:7  93 [1] - 47:16  94,000 [1] - 47:16  950 [1] - 21:6  96,000 [1] - 128:3  968 [1] - 21:3  98% [2] - 15:14, 16:1  99 [1] - 63:23  99,946 [1] - 125:16  99.9 [3] - 64:5, 72:18, 78:15  990 [1] - 59:7  9:00 [3] - 7:4, 202:15, 202:16  9th [1] - 2:10</p>			



<p>149:2, 156:2, 167:16, 168:18, 168:19, 169:23, 169:25, 173:16, 173:17, 174:15, 178:2, 178:3, 179:17 <b>analysis</b> [32] - 34:10, 38:19, 61:24, 63:19, 69:13, 73:20, 84:1, 85:12, 85:15, 90:22, 92:7, 94:20, 94:24, 95:3, 96:24, 97:3, 97:23, 98:6, 100:8, 101:17, 110:11, 110:16, 111:3, 111:4, 122:14, 123:7, 126:2, 130:7, 130:16, 161:20, 169:21, 196:12 <b>analytical</b> [2] - 113:24, 114:5 <b>analyze</b> [3] - 91:6, 102:8, 124:5 <b>analyzed</b> [2] - 71:17, 107:7 <b>analyzing</b> [3] - 133:22, 166:6, 198:14 <b>Anda</b> [4] - 85:16, 86:11, 86:21, 198:1 <b>ANDREW</b> [1] - 5:10 <b>ANNE</b> [1] - 4:2 <b>ANNIE</b> [1] - 3:14 <b>annual</b> [7] - 25:4, 34:25, 35:2, 47:8, 177:3, 177:6, 177:9 <b>annualized</b> [1] - 42:17 <b>annually</b> [1] - 41:5 <b>Answer</b> [1] - 173:8 <b>answer</b> [14] - 12:14, 76:22, 80:2, 139:19, 168:23, 171:18, 184:19, 186:20, 190:9, 190:18, 192:7, 198:20, 201:25, 202:2 <b>answered</b> [1] - 148:2 <b>answering</b> [1] - 176:16 <b>ANTHONY</b> [1] - 2:6 <b>anticipation</b> [1] - 170:15 <b>anyway</b> [2] - 8:13, 90:13 <b>apart</b> [1] - 26:11 <b>apologies</b> [1] - 31:19 <b>apologize</b> [22] - 18:5, 28:8, 38:10, 46:22, 55:10, 57:17, 59:17, 59:19, 59:22, 60:13, 78:7, 84:15, 89:9,</p>	<p>95:9, 100:14, 101:13, 105:21, 107:12, 121:25, 154:25, 195:19, 196:11 <b>appeal</b> [2] - 120:10, 120:13 <b>appealed</b> [1] - 120:9 <b>appear</b> [6] - 96:10, 107:5, 136:13, 198:25, 199:12, 200:21 <b>APPEARANCES</b> [6] - 2:1, 3:1, 5:1, 5:6, 6:1, 6:10 <b>appendix</b> [4] - 55:4, 154:1, 178:25, 187:17 <b>Appendix</b> [4] - 96:1, 96:6, 154:5, 178:14 <b>apples</b> [2] - 180:17 <b>applicable</b> [1] - 26:16 <b>applications</b> [1] - 170:19 <b>applied</b> [2] - 197:24, 197:25 <b>appreciate</b> [6] - 48:11, 82:2, 99:9, 111:7, 178:17, 185:2 <b>appreciated</b> [1] - 202:12 <b>approach</b> [9] - 84:12, 89:16, 89:24, 116:21, 132:14, 150:17, 154:9, 178:19, 180:7 <b>appropriate</b> [5] - 94:8, 101:8, 126:3, 171:10, 174:20 <b>approximate</b> [4] - 17:23, 25:1, 28:14, 34:22 <b>April</b> [3] - 70:17, 71:7, 71:11 <b>Aracoma</b> [15] - 43:8, 43:12, 43:16, 44:2, 44:11, 44:23, 45:3, 45:10, 45:16, 45:21, 46:6, 46:9, 46:25, 47:4, 47:10 <b>arbitrated</b> [1] - 117:12 <b>arbitration</b> [12] - 116:8, 116:11, 116:14, 117:19, 118:25, 119:4, 119:14, 120:18, 121:9, 121:13 <b>Arch</b> [2] - 6:6, 6:13 <b>ARCOS</b> [146] - 14:4, 18:13, 19:7, 19:9,</p>	<p>22:11, 22:14, 23:23, 24:1, 27:21, 28:6, 28:11, 29:9, 39:19, 41:21, 43:23, 44:4, 45:11, 45:22, 49:15, 50:21, 51:16, 52:25, 53:6, 54:4, 56:25, 57:23, 58:2, 58:15, 58:22, 59:15, 61:19, 61:24, 62:4, 63:20, 66:18, 66:21, 66:25, 67:10, 67:13, 67:16, 67:18, 67:20, 67:22, 69:20, 69:22, 69:23, 70:1, 70:10, 70:14, 70:18, 70:24, 71:1, 71:5, 71:8, 71:12, 72:1, 72:4, 73:17, 73:22, 77:5, 77:23, 78:6, 78:12, 78:16, 80:6, 80:8, 82:15, 82:22, 85:13, 87:2, 87:5, 90:22, 91:19, 92:2, 92:11, 92:20, 93:19, 94:18, 94:20, 94:21, 94:25, 95:12, 96:10, 96:14, 97:7, 98:12, 98:18, 98:19, 99:21, 102:2, 102:8, 104:18, 104:22, 105:5, 105:6, 106:22, 107:6, 107:10, 112:2, 112:4, 112:7, 112:12, 112:15, 112:19, 112:24, 113:7, 113:8, 113:10, 113:15, 114:1, 124:7, 124:11, 124:12, 124:23, 124:25, 125:1, 143:17, 143:20, 143:21, 143:25, 145:1, 145:19, 146:14, 146:17, 150:7, 150:13, 151:5, 151:7, 151:14, 151:20, 152:5, 152:24, 153:15, 156:11, 158:22, 159:23, 163:21, 164:11, 167:4, 167:8, 182:22, 183:2, 183:13, 183:16 <b>area</b> [9] - 9:8, 13:4, 25:22, 83:3, 128:1, 139:2, 162:10, 162:14, 164:7 <b>areas</b> [1] - 174:3</p>	<p><b>arguably</b> [1] - 106:25 <b>arguing</b> [1] - 11:22 <b>arrows</b> [1] - 166:20 <b>ASHLEY</b> [1] - 5:3 <b>aside</b> [1] - 149:19 <b>aspect</b> [1] - 139:20 <b>aspects</b> [1] - 140:1 <b>assessment</b> [1] - 152:14 <b>assist</b> [1] - 104:24 <b>associated</b> [1] - 184:8 <b>assume</b> [1] - 86:5 <b>assumed</b> [1] - 118:12 <b>AT</b> [1] - 1:2 <b>attempt</b> [1] - 44:7 <b>attention</b> [6] - 27:15, 35:6, 36:4, 37:22, 39:9, 88:15 <b>Attorney</b> [2] - 184:20, 184:24 <b>attribute</b> [1] - 169:13 <b>audit</b> [1] - 100:1 <b>August</b> [6] - 89:1, 89:14, 90:21, 90:22, 104:8, 117:20 <b>authentic</b> [1] - 118:3 <b>authorities</b> [1] - 166:13 <b>available</b> [13] - 63:25, 71:14, 82:25, 127:12, 146:13, 146:18, 147:12, 147:20, 147:25, 148:3, 148:10, 148:11, 156:11 <b>average</b> [20] - 34:17, 38:3, 38:5, 39:2, 40:5, 40:21, 40:23, 42:6, 42:8, 42:15, 92:21, 93:2, 93:12, 93:20, 130:13, 130:14, 131:19, 131:20, 140:11, 140:13 <b>averages</b> [7] - 33:22, 92:24, 93:17, 124:20, 131:16, 131:17, 134:1 <b>Avin</b> [1] - 3:7 <b>Avoid</b> [1] - 151:2 <b>award</b> [6] - 116:11, 117:22, 119:1, 121:5, 121:13 <b>aware</b> [30] - 77:22, 95:23, 100:4, 101:23, 102:1, 121:14, 126:9, 130:25, 148:8, 148:12, 148:13, 149:20, 150:7,</p>	<p>152:4, 152:9, 152:17, 152:20, 152:21, 152:22, 152:23, 158:9, 162:20, 162:25, 163:5, 163:8, 170:5, 173:22, 173:25, 175:9, 202:22 <b>Ayme</b> [2] - 6:17, 204:2</p>
<b>B</b>				
<p><b>back-filled</b> [1] - 81:6 <b>background</b> [3] - 65:15, 117:11, 132:1 <b>bad</b> [3] - 10:5, 10:6, 10:7 <b>Bajaj's</b> [1] - 123:5 <b>bar</b> [2] - 87:8, 199:20 <b>Baron</b> [1] - 3:17 <b>bars</b> [27] - 15:11, 18:25, 22:25, 23:1, 23:3, 24:25, 35:10, 35:11, 35:12, 35:13, 35:14, 37:9, 37:10, 40:4, 40:19, 42:4, 44:13, 45:6, 45:7, 45:8, 45:23, 46:1, 136:10, 199:19, 201:3, 201:5 <b>base</b> [2] - 82:22, 125:9 <b>based</b> [29] - 8:25, 17:23, 25:20, 29:25, 45:15, 63:20, 70:18, 81:2, 82:20, 85:12, 95:7, 95:11, 95:15, 95:21, 96:25, 97:3, 108:11, 109:7, 110:3, 111:2, 111:16, 111:20, 116:11, 124:3, 124:15, 125:21, 139:12, 148:11, 165:3 <b>Based</b> [1] - 83:13 <b>basic</b> [5] - 38:23, 68:1, 72:20, 87:12, 137:24 <b>basing</b> [1] - 112:9 <b>basis</b> [11] - 34:25, 35:2, 70:6, 77:11, 77:12, 77:25, 117:22, 131:10, 133:4, 134:9, 138:15 <b>bat</b> [1] - 202:10 <b>batch</b> [1] - 70:20 <b>Bates</b> [2] - 39:11, 107:19 <b>Baylen</b> [1] - 2:13 <b>bear</b> [2] - 49:5, 143:15 <b>became</b> [5] - 23:5,</p>				



<p>29:13, 136:13, 147:12, 148:10 <b>become</b> [1] - 10:12 <b>beds</b> [1] - 127:6 <b>BEFORE</b> [1] - 1:17 <b>begin</b> [3] - 88:20, 103:12, 107:10 <b>beginning</b> [10] - 19:10, 28:15, 32:25, 33:1, 47:8, 50:20, 64:9, 70:20, 71:7, 77:17 <b>behalf</b> [1] - 131:4 <b>behavior</b> [4] - 120:2, 135:14, 139:20 <b>behind</b> [1] - 202:7 <b>beige</b> [3] - 22:7, 32:20, 37:11 <b>belies</b> [1] - 11:17 <b>below</b> [5] - 13:11, 13:20, 52:2, 56:8, 89:12 <b>BENCH</b> [1] - 1:16 <b>beside</b> [1] - 199:10 <b>best</b> [2] - 9:19, 173:13 <b>between</b> [22] - 15:13, 15:25, 17:4, 32:19, 44:8, 46:22, 57:13, 78:16, 88:6, 90:15, 110:22, 112:24, 113:8, 114:4, 138:20, 144:16, 145:13, 155:25, 176:6, 184:13, 196:24, 200:8 <b>beyond</b> [4] - 95:3, 143:13, 164:7, 174:18 <b>Beyond</b> [1] - 86:13 <b>BF060565</b> [1] - 31:12 <b>bifurcated</b> [2] - 62:3, 171:5 <b>big</b> [1] - 157:12 <b>bigger</b> [1] - 190:2 <b>billed</b> [2] - 183:22, 184:1 <b>billion</b> [12] - 50:13, 50:14, 50:23, 50:24, 50:25, 51:1, 51:2 <b>billions</b> [1] - 50:12 <b>bit</b> [33] - 15:5, 17:14, 17:16, 24:9, 25:3, 31:7, 34:20, 37:1, 42:18, 46:13, 47:11, 47:15, 50:23, 51:1, 51:2, 63:24, 64:6, 67:19, 73:22, 80:5, 81:25, 88:18, 94:1, 108:16, 110:18, 110:20, 121:10,</p>	<p>126:20, 189:15, 198:1, 199:1, 199:16 <b>black</b> [7] - 11:4, 11:10, 22:6, 35:10, 35:11, 45:8, 46:2 <b>blind</b> [1] - 154:4 <b>blocked</b> [1] - 202:9 <b>blue</b> [17] - 15:10, 15:16, 15:25, 19:1, 19:15, 22:7, 23:3, 23:17, 23:21, 23:22, 32:17, 35:13, 35:14, 44:12, 45:23, 103:20, 137:12 <b>Blvd</b> [3] - 3:15, 4:3, 4:9 <b>board</b> [5] - 37:13, 156:5, 157:12, 176:6, 197:23 <b>Board</b> [1] - 183:5 <b>bodies</b> [1] - 69:6 <b>body</b> [1] - 122:6 <b>Bonasso</b> [1] - 5:14 <b>bond</b> [1] - 117:14 <b>book</b> [1] - 22:14 <b>book-ending</b> [1] - 22:14 <b>Boone</b> [1] - 162:22 <b>borders</b> [1] - 81:23 <b>botch</b> [1] - 97:1 <b>bottom</b> [14] - 36:11, 36:12, 55:3, 56:25, 59:12, 60:5, 90:13, 155:21, 164:18, 180:14, 182:11, 185:22, 185:23, 187:18 <b>Boulevard</b> [1] - 3:18 <b>bouncing</b> [1] - 46:22 <b>boundaries</b> [1] - 140:18 <b>box</b> [1] - 11:18 <b>Box</b> [2] - 5:14, 6:8 <b>break</b> [7] - 12:13, 48:16, 84:19, 91:3, 129:3, 142:15, 145:16 <b>breaking</b> [2] - 94:6, 129:1 <b>bridge</b> [1] - 61:8 <b>Bridgeside</b> [3] - 3:15, 4:3, 4:9 <b>briefly</b> [4] - 7:6, 84:25, 157:20, 198:7 <b>bring</b> [3] - 63:14, 138:22, 171:13 <b>broader</b> [1] - 83:2 <b>broadly</b> [1] - 94:22 <b>broke</b> [1] - 26:11 <b>broken</b> [2] - 8:8, 46:16</p>	<p><b>brought</b> [1] - 54:20 <b>bubbles</b> [1] - 198:23 <b>Budd</b> [1] - 3:17 <b>build</b> [3] - 8:25, 9:14, 28:12 <b>Bureau</b> [8] - 64:4, 91:12, 92:4, 92:8, 125:12, 128:3, 128:5, 174:18 <b>bureaucratic</b> [1] - 149:14 <b>Burling</b> [1] - 5:11 <b>business</b> [2] - 167:9, 186:8 <b>buyer</b> [1] - 167:9 <b>BY</b> [48] - 12:24, 18:7, 19:20, 20:15, 25:14, 26:20, 28:4, 29:20, 31:1, 39:8, 41:14, 43:6, 46:24, 49:1, 49:7, 51:9, 55:9, 56:14, 57:12, 58:10, 65:5, 84:17, 86:24, 90:2, 90:8, 94:16, 107:15, 116:25, 117:4, 119:19, 127:17, 129:8, 133:21, 135:20, 138:25, 140:6, 142:24, 143:7, 150:19, 153:8, 154:11, 171:21, 172:9, 178:24, 180:11, 191:8, 195:4, 198:22</p>	<p>135:22, 136:1, 136:5, 136:17, 136:19, 136:21, 140:12, 140:14, 148:9, 153:10, 153:12, 153:18, 161:6, 162:11, 162:15, 163:10, 163:15, 163:24, 164:8, 164:12, 164:17, 165:7, 166:2, 168:14, 169:3, 174:2, 174:16, 176:22, 177:10, 179:4, 180:24, 182:17, 185:6, 191:22, 192:1, 192:4, 200:5, 200:9 <b>CABELL</b> [1] - 1:10 <b>cabell</b> [1] - 2:2 <b>Cabell-Huntington</b> [5] - 13:4, 41:12, 92:22, 128:16, 200:9 <b>calculate</b> [7] - 45:20, 52:24, 93:2, 98:1, 163:22, 179:7, 179:11 <b>calculated</b> [7] - 16:17, 82:18, 82:20, 82:22, 95:6, 95:10, 181:1 <b>calculation</b> [10] - 93:10, 93:12, 121:9, 121:11, 121:15, 121:16, 122:4, 163:22, 164:1, 164:2 <b>calculations</b> [12] - 17:3, 54:7, 101:16, 101:22, 116:4, 121:20, 121:21, 121:22, 123:24, 176:12, 177:4, 178:8 <b>calculator</b> [2] - 180:3, 180:7 <b>calendar</b> [1] - 81:20 <b>CALLAS</b> [1] - 6:7 <b>CAMPBELL</b> [1] - 6:14 <b>cancer</b> [1] - 186:3 <b>cannot</b> [5] - 66:6, 66:10, 92:10, 92:13, 118:14 <b>cap</b> [2] - 16:21, 17:5 <b>capabilities</b> [3] - 75:20, 76:4, 76:6 <b>capable</b> [1] - 76:2 <b>capita</b> [30] - 16:17, 16:25, 17:9, 17:22, 17:25, 84:1, 92:7, 125:8, 126:5, 126:6, 129:18, 130:7,</p>	<p>130:12, 131:15, 133:22, 134:13, 140:15, 173:17, 173:18, 174:15, 175:3, 175:11, 175:20, 175:24, 176:11, 176:15, 176:21, 177:3, 177:6, 177:9 <b>Capitol</b> [1] - 2:7 <b>caplet</b> [1] - 50:5 <b>Cardinal</b> [73] - 4:11, 5:2, 14:9, 14:11, 15:11, 15:25, 16:5, 17:20, 19:4, 19:6, 19:8, 22:17, 27:2, 27:4, 27:6, 27:20, 28:2, 28:7, 28:13, 28:23, 28:25, 29:11, 29:13, 32:16, 33:6, 33:12, 33:19, 33:23, 34:3, 34:8, 35:13, 37:10, 37:19, 38:19, 38:25, 39:1, 39:3, 39:23, 40:3, 40:5, 40:10, 44:15, 45:7, 45:22, 46:1, 51:16, 51:23, 52:3, 53:5, 53:24, 54:19, 54:25, 55:15, 55:18, 56:16, 65:13, 68:5, 69:14, 70:7, 92:16, 129:14, 135:21, 137:4, 144:6, 144:10, 145:3, 146:10, 152:6, 153:11, 159:11, 160:11, 176:9, 202:6 <b>Cardinal's</b> [2] - 40:5, 159:20 <b>care</b> [2] - 127:20, 128:9 <b>career</b> [1] - 66:16 <b>carefully</b> [2] - 115:7, 123:9 <b>cares</b> [1] - 127:7 <b>Carey</b> [1] - 4:17 <b>carried</b> [1] - 201:14 <b>carved</b> [1] - 61:6 <b>case</b> [47] - 8:24, 65:16, 76:12, 77:4, 79:20, 82:16, 96:7, 100:15, 107:7, 108:12, 113:2, 113:9, 113:13, 116:10, 116:17, 117:15, 117:18, 118:10, 118:21, 118:24, 121:2, 121:7, 122:14, 122:16,</p>
<b>C</b>				
<p><b>CA</b> [1] - 3:18 <b>Cabell</b> [86] - 3:2, 13:4, 17:22, 25:21, 28:17, 29:24, 30:19, 41:12, 66:3, 66:7, 69:6, 72:22, 76:18, 79:23, 83:3, 83:7, 92:22, 99:12, 102:23, 124:9, 125:15, 125:25, 126:9, 126:14, 127:4, 127:5, 127:6, 127:11, 127:18, 128:8, 128:11, 128:14, 128:16, 128:18, 128:19, 129:19, 129:22, 130:8, 130:12, 131:18, 133:23, 133:25, 134:12, 134:17, 134:24, 135:5, 135:6,</p>				

<p>122:17, 122:24, 123:3, 126:3, 127:2, 128:10, 131:1, 131:5, 139:15, 139:20, 140:1, 143:11, 145:5, 155:9, 157:25, 158:5, 158:10, 163:10, 172:11, 172:18, 172:20, 197:7, 197:16</p> <p><b>cases</b> [7] - 66:24, 67:3, 67:5, 144:21, 163:4, 184:19, 197:12</p> <p><b>catalogued</b> [1] - 184:21</p> <p><b>catch</b> [1] - 95:9</p> <p><b>catching</b> [1] - 179:10</p> <p><b>categorically</b> [1] - 119:24</p> <p><b>categories</b> [1] - 51:21</p> <p><b>causal</b> [1] - 156:20</p> <p><b>CDC</b> [4] - 64:2, 82:21, 91:10, 92:5</p> <p><b>ceiling</b> [1] - 201:9</p> <p><b>cell</b> [3] - 53:19, 55:20, 56:1</p> <p><b>census</b> [5] - 173:22, 173:25, 174:3, 174:7, 174:12</p> <p><b>Census</b> [10] - 64:4, 91:12, 92:4, 92:8, 125:12, 125:21, 128:3, 128:5, 173:23, 174:18</p> <p><b>Center</b> [5] - 3:12, 5:11, 171:1, 171:24, 173:6</p> <p><b>center</b> [3] - 127:6, 127:19, 186:4</p> <p><b>centers</b> [1] - 102:20</p> <p><b>certain</b> [3] - 67:24, 106:21, 146:19</p> <p><b>certainly</b> [8] - 28:10, 63:10, 74:22, 77:8, 124:22, 148:17, 160:5, 184:10</p> <p><b>CERTIFICATION</b> [1] - 204:1</p> <p><b>certification</b> [1] - 122:21</p> <p><b>certify</b> [1] - 204:4</p> <p><b>chain</b> [11] - 93:7, 129:10, 167:4, 167:14, 169:11, 169:16, 170:19, 177:5, 177:7, 177:11, 196:15</p> <p><b>chair</b> [1] - 78:7</p> <p><b>chance</b> [2] - 90:3,</p>	<p>202:10</p> <p><b>change</b> [7] - 78:1, 99:7, 119:22, 121:14, 121:19, 121:22, 160:16</p> <p><b>changed</b> [10] - 16:4, 57:17, 70:22, 121:17, 123:7, 156:14, 199:17, 199:22, 201:1, 201:2</p> <p><b>changes</b> [1] - 200:16</p> <p><b>changing</b> [4] - 153:9, 156:14, 156:18, 156:19</p> <p><b>channels</b> [1] - 151:17</p> <p><b>Chapmanville</b> [1] - 48:1</p> <p><b>characterization</b> [3] - 30:9, 76:20, 78:14</p> <p><b>characterizations</b> [1] - 79:10</p> <p><b>characterize</b> [1] - 90:12</p> <p><b>characterizing</b> [2] - 168:22, 168:24</p> <p><b>CHARLES</b> [1] - 3:11</p> <p><b>Charleston</b> [6] - 2:8, 3:13, 4:19, 5:15, 6:9, 7:3</p> <p><b>CHARLESTON</b> [2] - 1:2, 1:18</p> <p><b>chart</b> [69] - 14:18, 49:24, 51:20, 74:2, 75:17, 75:25, 82:4, 82:6, 82:24, 83:2, 83:8, 83:10, 83:11, 83:13, 87:8, 87:9, 87:12, 87:18, 88:16, 89:8, 92:6, 103:15, 103:18, 104:7, 104:17, 114:22, 115:13, 115:20, 115:24, 124:1, 130:6, 137:8, 137:9, 137:11, 137:12, 137:17, 137:20, 137:25, 138:3, 138:5, 138:9, 138:10, 138:15, 138:17, 138:19, 138:20, 138:22, 139:1, 148:10, 156:6, 156:10, 159:21, 159:22, 163:20, 164:4, 164:6, 164:25, 165:3, 165:5, 165:17, 165:20, 167:25, 177:2, 188:13, 202:7</p>	<p><b>charts</b> [30] - 23:22, 24:11, 58:21, 66:10, 69:17, 91:7, 91:20, 91:23, 92:1, 92:3, 95:20, 98:17, 109:17, 133:12, 136:8, 136:15, 146:24, 156:9, 160:4, 160:6, 164:20, 164:24, 165:2, 166:21, 166:25, 168:3, 199:15, 199:18, 199:21, 199:22</p> <p><b>Chase</b> [1] - 4:18</p> <p><b>check</b> [14] - 54:23, 100:20, 110:3, 110:10, 110:14, 111:4, 111:22, 120:5, 125:16, 144:23, 165:25, 181:14, 181:15</p> <p><b>checked</b> [1] - 144:8</p> <p><b>checking</b> [1] - 83:23</p> <p><b>Chesterbrook</b> [1] - 6:15</p> <p><b>choice</b> [1] - 127:22</p> <p><b>choosing</b> [2] - 140:1, 140:4</p> <p><b>chose</b> [1] - 139:21</p> <p><b>circled</b> [1] - 189:19</p> <p><b>Circling</b> [1] - 78:3</p> <p><b>Circuit</b> [11] - 116:19, 119:14, 120:10, 120:13, 120:17, 120:20, 120:25, 121:6, 121:19, 122:2</p> <p><b>cites</b> [1] - 106:17</p> <p><b>City</b> [30] - 4:1, 5:11, 25:22, 28:18, 66:4, 66:8, 69:7, 72:22, 76:18, 79:24, 83:3, 83:7, 125:15, 125:25, 126:22, 127:1, 127:3, 128:19, 128:20, 129:23, 130:8, 130:12, 131:15, 131:18, 133:23, 148:9, 163:9, 165:7, 166:2, 204:5</p> <p><b>city</b> [2] - 127:23, 163:9</p> <p><b>CITY</b> [1] - 1:4</p> <p><b>City's</b> [1] - 126:23</p> <p><b>Civil</b> [3] - 1:4, 204:7, 204:8</p> <p><b>civil</b> [1] - 1:10</p> <p><b>claim</b> [3] - 117:12, 158:5, 158:7</p> <p><b>claimant</b> [2] - 116:13,</p>	<p>121:18</p> <p><b>claimant's</b> [1] - 117:21</p> <p><b>claimants</b> [1] - 121:15</p> <p><b>clarification</b> [3] - 61:14, 82:2, 99:9</p> <p><b>clarify</b> [1] - 97:20</p> <p><b>class</b> [1] - 122:21</p> <p><b>cleanup</b> [1] - 49:4</p> <p><b>clear</b> [10] - 9:5, 69:12, 77:2, 95:14, 118:9, 159:1, 161:9, 161:17, 185:16, 193:14</p> <p><b>clearly</b> [3] - 61:25, 101:6, 140:19</p> <p><b>click</b> [1] - 80:20</p> <p><b>client</b> [1] - 168:18</p> <p><b>client's</b> [1] - 169:2</p> <p><b>clinic</b> [1] - 169:14</p> <p><b>clinics</b> [2] - 168:7, 170:22</p> <p><b>close</b> [8] - 42:21, 60:11, 64:25, 82:1, 93:22, 155:6, 155:15, 155:16</p> <p><b>Close</b> [1] - 81:16</p> <p><b>closed</b> [1] - 166:12</p> <p><b>closely</b> [2] - 113:9, 126:13</p> <p><b>CMS</b> [2] - 91:14, 92:4</p> <p><b>Co</b> [1] - 116:8</p> <p><b>coarser</b> [1] - 34:20</p> <p><b>Cochran</b> [3] - 6:17, 204:2, 204:11</p> <p><b>Code</b> [15] - 95:7, 95:12, 95:16, 95:22, 96:25, 97:4, 97:9, 97:20, 98:7, 98:12, 101:24, 101:25, 111:18, 124:3, 124:16</p> <p><b>code</b> [22] - 75:7, 75:13, 81:14, 81:18, 81:22, 81:23, 82:5, 93:1, 93:5, 93:9, 93:13, 96:15, 99:1, 139:2, 140:18, 146:20, 147:22, 161:20, 162:11, 162:18, 162:20, 163:15</p> <p><b>coded</b> [1] - 112:5</p> <p><b>codes</b> [12] - 81:20, 95:18, 96:10, 124:7, 124:10, 124:12, 124:13, 146:7, 161:12, 161:23, 164:7, 165:5</p> <p><b>coherence</b> [1] - 118:16</p>	<p><b>coin</b> [6] - 135:3, 135:4, 135:10, 135:18, 138:2, 139:22</p> <p><b>coincidentally</b> [1] - 16:23</p> <p><b>colleagues</b> [1] - 65:7</p> <p><b>colloquially</b> [1] - 121:24</p> <p><b>color</b> [16] - 15:10, 15:11, 19:15, 22:7, 23:20, 29:3, 32:20, 32:25, 33:7, 33:11, 35:15, 35:18, 35:20, 38:5, 194:11, 194:23</p> <p><b>colors</b> [1] - 32:22</p> <p><b>column</b> [14] - 20:21, 52:1, 53:1, 53:7, 53:9, 56:8, 60:5, 93:24, 93:25, 96:9, 96:13, 96:17, 98:21, 108:18</p> <p><b>Column</b> [1] - 108:8</p> <p><b>columns</b> [1] - 59:5</p> <p><b>combination</b> [3] - 21:24, 24:2, 46:12</p> <p><b>combine</b> [1] - 17:2</p> <p><b>combined</b> [23] - 14:3, 14:7, 14:9, 14:16, 14:19, 14:21, 15:1, 19:21, 21:9, 21:12, 21:14, 22:22, 26:22, 26:25, 31:3, 59:3, 188:8, 188:11, 195:5, 196:9, 196:13, 197:25, 198:3</p> <p><b>coming</b> [8] - 22:10, 33:4, 34:11, 38:13, 62:7, 68:4, 132:4, 171:9</p> <p><b>commend</b> [1] - 177:21</p> <p><b>comment</b> [2] - 144:18, 195:2</p> <p><b>commentary</b> [1] - 198:19</p> <p><b>commenting</b> [1] - 144:25</p> <p><b>comments</b> [1] - 121:4</p> <p><b>commerce</b> [3] - 113:23, 113:24, 114:3</p> <p><b>commercial</b> [1] - 151:17</p> <p><b>COMMISSION</b> [1] - 1:10</p> <p><b>Commission</b> [2] - 2:2, 3:2</p> <p><b>commit</b> [1] - 62:17</p> <p><b>communities</b> [1] - 167:20</p>
--	--	--	--	---

<b>community</b> <sup>[1]</sup> - 24:7 <b>companies</b> <sup>[3]</sup> - 152:5, 154:19, 180:22 <b>company</b> <sup>[1]</sup> - 72:12 <b>Company</b> <sup>[5]</sup> - 39:10, 39:22, 43:8, 117:13, 200:2 <b>company's</b> <sup>[1]</sup> - 72:10 <b>compare</b> <sup>[5]</sup> - 53:4, 53:9, 72:4, 113:6, 134:7 <b>compared</b> <sup>[4]</sup> - 53:5, 72:9, 124:23, 176:2 <b>comparing</b> <sup>[1]</sup> - 180:17 <b>comparison</b> <sup>[1]</sup> - 138:19 <b>competence</b> <sup>[1]</sup> - 118:15 <b>competitors</b> <sup>[3]</sup> - 151:24, 152:7, 152:18 <b>compilation</b> <sup>[8]</sup> - 41:8, 41:19, 43:1, 52:7, 55:14, 56:17, 58:22, 59:4 <b>compilations</b> <sup>[4]</sup> - 49:5, 54:12, 55:17, 57:15 <b>compiled</b> <sup>[11]</sup> - 33:15, 34:14, 35:8, 36:19, 37:6, 37:23, 38:18, 38:21, 40:1, 40:13, 45:9 <b>compiling</b> <sup>[1]</sup> - 54:3 <b>complaint</b> <sup>[1]</sup> - 62:16 <b>complete</b> <sup>[9]</sup> - 73:13, 73:15, 79:23, 80:1, 86:7, 86:10, 86:14, 122:8, 173:25 <b>completely</b> <sup>[2]</sup> - 10:16, 62:2 <b>complicated</b> <sup>[3]</sup> - 11:15, 82:1, 121:10 <b>comprehensive</b> <sup>[1]</sup> - 151:15 <b>computer</b> <sup>[1]</sup> - 6:19 <b>concept</b> <sup>[1]</sup> - 174:5 <b>concern</b> <sup>[1]</sup> - 61:20 <b>concerned</b> <sup>[1]</sup> - 61:16 <b>concerns</b> <sup>[1]</sup> - 90:16 <b>conclusion</b> <sup>[7]</sup> - 76:17, 103:1, 111:2, 111:15, 123:3, 140:24, 141:2 <b>conclusions</b> <sup>[4]</sup> - 101:22, 131:3, 131:8, 138:14 <b>conditions</b> <sup>[2]</sup> -	175:12 <b>conducted</b> <sup>[3]</sup> - 94:20, 94:24, 161:21 <b>confer</b> <sup>[2]</sup> - 142:11, 202:18 <b>confirm</b> <sup>[3]</sup> - 107:23, 109:18, 125:4 <b>confused</b> <sup>[1]</sup> - 31:7 <b>confusion</b> <sup>[1]</sup> - 115:7 <b>connect</b> <sup>[2]</sup> - 48:6, 71:2 <b>Connolly</b> <sup>[2]</sup> - 4:13, 5:4 <b>CONROY</b> <sup>[1]</sup> - 3:3 <b>consciously</b> <sup>[1]</sup> - 100:16 <b>consider</b> <sup>[14]</sup> - 97:23, 100:8, 109:16, 110:7, 110:11, 128:1, 133:24, 134:11, 134:15, 136:4, 139:11, 139:16, 139:19, 152:13 <b>considered</b> <sup>[6]</sup> - 97:25, 106:16, 106:21, 131:21, 132:8, 134:11 <b>considering</b> <sup>[1]</sup> - 97:25 <b>consistent</b> <sup>[6]</sup> - 8:3, 8:4, 102:1, 134:21, 134:25, 136:15 <b>consume</b> <sup>[1]</sup> - 129:23 <b>contain</b> <sup>[1]</sup> - 149:25 <b>contains</b> <sup>[2]</sup> - 107:5, 164:6 <b>contents</b> <sup>[1]</sup> - 51:20 <b>context</b> <sup>[3]</sup> - 9:18, 139:15, 175:25 <b>continue</b> <sup>[5]</sup> - 8:24, 14:16, 52:6, 154:22, 165:8 <b>continued</b> <sup>[4]</sup> - 112:12, 120:23, 134:16, 199:3 <b>Continued</b> <sup>[5]</sup> - 3:1, 5:1, 5:6, 6:1, 6:10 <b>continues</b> <sup>[2]</sup> - 137:16, 154:23 <b>continuous</b> <sup>[1]</sup> - 70:23 <b>contrary</b> <sup>[1]</sup> - 194:14 <b>contrast</b> <sup>[1]</sup> - 123:6 <b>controlled</b> <sup>[8]</sup> - 67:24, 68:14, 69:2, 146:19, 151:16, 151:25, 152:7, 152:19 <b>convenient</b> <sup>[1]</sup> - 48:17 <b>conventions</b> <sup>[1]</sup> - 182:13	<b>conversations</b> <sup>[2]</sup> - 78:3, 149:7 <b>conversion</b> <sup>[1]</sup> - 64:3 <b>convert</b> <sup>[1]</sup> - 50:16 <b>convey</b> <sup>[1]</sup> - 78:17 <b>Cook</b> <sup>[3]</sup> - 6:18, 204:3, 204:11 <b>copies</b> <sup>[1]</sup> - 154:8 <b>copy</b> <sup>[3]</sup> - 96:2, 154:23, 172:3 <b>core</b> <sup>[1]</sup> - 9:7 <b>corner</b> <sup>[5]</sup> - 14:20, 51:12, 52:17, 56:3, 56:21 <b>Corp</b> <sup>[1]</sup> - 122:18 <b>Corporation</b> <sup>[3]</sup> - 6:2, 126:18, 204:7 <b>corporation</b> <sup>[3]</sup> - 1:7, 1:13, 65:13 <b>Correct</b> <sup>[156]</sup> - 53:14, 65:20, 65:22, 65:24, 66:2, 66:5, 66:9, 66:13, 66:19, 66:23, 67:8, 67:11, 67:25, 68:6, 69:16, 70:3, 70:5, 72:3, 72:8, 72:13, 72:16, 72:19, 73:1, 73:5, 74:11, 75:1, 75:2, 75:4, 76:10, 76:15, 80:4, 80:14, 80:16, 80:18, 81:11, 82:17, 82:19, 83:1, 83:5, 83:9, 83:17, 83:19, 83:22, 84:2, 85:19, 87:7, 87:17, 87:21, 87:23, 88:1, 89:13, 89:17, 90:19, 90:20, 91:2, 91:9, 91:11, 91:13, 91:15, 91:17, 92:9, 92:12, 92:15, 92:17, 92:19, 93:15, 93:18, 144:2, 144:5, 144:13, 144:22, 145:9, 146:1, 146:5, 146:9, 146:11, 146:22, 147:1, 147:10, 147:13, 147:14, 147:18, 147:21, 147:24, 148:2, 150:1, 150:15, 155:17, 156:12, 157:3, 157:5, 157:7, 157:10, 157:13, 158:18, 158:20, 159:3, 159:13, 161:14, 161:25, 162:2, 162:7, 162:12, 165:10,	165:22, 166:16, 167:1, 168:1, 168:3, 168:6, 168:9, 168:12, 168:15, 168:16, 173:8, 177:8, 177:13, 177:15, 178:4, 178:7, 180:25, 181:9, 181:11, 182:4, 182:20, 183:1, 183:7, 183:11, 183:15, 183:19, 187:1, 187:25, 188:15, 188:25, 189:10, 189:22, 189:24, 190:1, 190:4, 191:11, 193:23, 194:1, 194:3, 195:11, 195:14, 195:19, 195:21, 195:24, 196:1, 196:4, 196:14, 196:22, 197:19, 197:22, 198:5, 199:24 <b>correct</b> <sup>[379]</sup> - 18:3, 18:4, 21:22, 27:7, 31:23, 34:9, 37:21, 44:9, 44:18, 44:20, 50:16, 50:18, 52:9, 53:2, 53:13, 54:1, 56:18, 57:20, 57:21, 58:14, 65:17, 66:4, 66:8, 66:12, 66:15, 66:16, 66:22, 67:1, 67:7, 67:10, 67:24, 68:9, 68:18, 69:7, 69:20, 71:1, 71:24, 72:2, 72:7, 72:12, 72:15, 74:6, 74:12, 76:12, 78:6, 78:13, 80:13, 81:3, 82:25, 83:8, 83:16, 83:21, 84:1, 85:13, 85:18, 85:22, 86:1, 86:4, 86:8, 86:9, 86:15, 87:9, 87:16, 88:4, 89:5, 89:12, 89:16, 90:11, 90:24, 91:1, 91:8, 91:20, 92:25, 93:17, 94:21, 95:8, 95:12, 95:13, 95:16, 95:17, 95:19, 95:22, 96:11, 96:12, 96:15, 96:16, 96:19, 96:20, 96:22, 96:23, 97:4, 97:5, 97:8, 97:12, 97:21, 97:22, 98:8, 98:9, 98:12, 98:13, 98:15, 98:16, 98:19,	98:20, 98:23, 98:24, 99:13, 99:14, 99:18, 99:24, 100:9, 101:10, 102:13, 102:16, 102:17, 103:8, 104:5, 104:6, 104:14, 104:15, 108:6, 108:9, 108:14, 108:19, 108:20, 108:22, 108:23, 108:24, 108:25, 109:2, 109:3, 109:5, 109:6, 109:9, 109:10, 109:13, 109:14, 109:17, 109:19, 109:24, 109:25, 110:2, 110:4, 110:9, 110:10, 110:13, 110:17, 111:9, 111:12, 111:21, 111:22, 112:8, 112:10, 112:18, 112:23, 113:4, 113:12, 114:16, 114:21, 114:24, 114:25, 115:1, 115:14, 115:15, 116:1, 116:4, 116:11, 116:12, 116:14, 116:15, 116:18, 117:9, 117:10, 118:4, 119:17, 120:11, 121:2, 121:7, 122:4, 122:14, 122:15, 122:22, 122:25, 123:21, 124:3, 124:4, 124:9, 124:16, 124:17, 124:21, 125:3, 125:7, 125:11, 125:13, 125:14, 125:16, 125:22, 125:25, 126:15, 126:19, 126:20, 128:3, 128:9, 128:12, 128:16, 129:11, 129:15, 129:19, 129:20, 129:24, 130:9, 130:10, 130:14, 130:15, 130:20, 130:21, 130:23, 135:1, 135:2, 135:6, 135:23, 135:24, 136:1, 136:17, 136:18, 136:22, 137:5, 139:3, 139:6, 139:7, 139:9, 139:10, 139:22,
---	---	--	--	--

<p>140:8, 140:9, 140:16, 141:13, 141:14, 141:17, 141:23, 141:24, 142:2, 143:18, 143:22, 144:1, 144:4, 144:6, 144:12, 144:17, 144:19, 145:4, 145:5, 145:8, 145:12, 145:16, 145:20, 145:25, 146:4, 146:8, 146:10, 146:21, 146:25, 147:9, 147:12, 147:17, 147:20, 147:23, 148:1, 149:25, 150:14, 153:19, 154:1, 154:24, 155:6, 155:16, 155:20, 156:7, 156:11, 156:15, 156:25, 157:2, 157:4, 157:6, 157:9, 158:17, 158:19, 158:21, 161:8, 161:13, 161:24, 162:1, 162:6, 162:11, 164:8, 164:13, 165:9, 165:21, 165:24, 166:18, 166:25, 167:25, 168:2, 168:5, 168:8, 168:11, 168:14, 170:3, 170:11, 171:1, 171:25, 173:7, 176:9, 176:12, 177:3, 177:5, 177:7, 177:10, 177:11, 177:12, 177:14, 178:3, 178:6, 179:7, 180:15, 180:24, 181:10, 181:19, 182:1, 182:14, 182:19, 182:25, 183:6, 183:10, 183:14, 183:18, 183:22, 185:7, 185:24, 186:22, 187:24, 188:24, 189:7, 189:9, 189:19, 189:21, 189:23, 189:25, 190:3, 190:6, 192:15, 192:17, 193:18, 193:22, 193:25, 194:2, 195:10, 195:13,</p>	<p>195:16, 195:18, 195:20, 195:23, 195:25, 196:3, 196:13, 196:21, 197:12, 197:18, 197:21, 197:24, 198:4, 199:4, 199:18, 199:23, 199:25, 200:24, 201:1, 201:17, 202:11, 204:4 <b>corrections</b> [1] - 101:3 <b>correctly</b> [15] - 10:13, 25:17, 117:24, 118:16, 120:3, 120:7, 123:13, 123:18, 127:9, 127:24, 168:25, 173:9, 179:25, 201:12, 201:17 <b>correlation</b> [1] - 138:20 <b>correspondence</b> [1] - 144:15 <b>corresponding</b> [1] - 139:18 <b>counsel</b> [5] - 48:6, 65:8, 75:24, 169:3, 202:19 <b>count</b> [4] - 173:24, 174:3, 174:8, 174:17 <b>counties</b> [8] - 127:8, 127:20, 128:20, 162:23, 163:1, 164:7, 164:9, 164:10 <b>counting</b> [1] - 155:5 <b>countless</b> [1] - 134:25 <b>country</b> [7] - 30:6, 33:22, 34:18, 59:2, 80:20, 174:8, 175:9 <b>COUNTY</b> [1] - 1:10 <b>county</b> [3] - 134:18, 163:9, 191:24 <b>County</b> [58] - 2:2, 3:2, 17:22, 25:22, 28:17, 30:19, 48:3, 66:4, 66:7, 69:6, 72:22, 76:18, 79:24, 83:3, 83:7, 99:12, 124:9, 125:15, 125:25, 128:19, 129:22, 130:8, 130:13, 131:16, 131:18, 133:23, 133:25, 134:12, 134:17, 134:24, 135:5, 135:6, 135:22, 136:1, 136:5, 136:17, 136:19, 136:21, 140:12,</p>	<p>140:14, 148:9, 153:13, 162:21, 162:22, 163:10, 164:8, 166:2, 179:4, 182:17, 185:6, 191:22, 192:2, 200:5, 200:6 <b>County-Huntington</b> [1] - 179:4 <b>couple</b> [19] - 47:15, 48:11, 61:18, 63:17, 83:11, 88:9, 91:4, 95:9, 100:25, 103:21, 111:17, 119:1, 129:9, 141:5, 147:6, 160:4, 160:6, 164:20, 165:16 <b>course</b> [9] - 76:8, 119:24, 120:23, 150:12, 151:8, 172:4, 175:18, 178:18, 202:19 <b>court</b> [10] - 116:5, 118:13, 118:15, 119:6, 119:25, 120:1, 120:21, 165:14, 169:19, 189:8 <b>Court</b> [101] - 6:17, 6:18, 7:2, 7:12, 8:22, 11:7, 13:7, 14:2, 14:25, 15:8, 15:21, 18:10, 19:5, 20:18, 20:25, 21:9, 22:2, 22:19, 24:12, 26:2, 26:22, 27:16, 28:21, 29:6, 32:1, 32:13, 33:14, 33:24, 34:13, 35:8, 36:8, 36:18, 37:5, 37:23, 38:21, 39:13, 39:25, 40:16, 41:18, 41:25, 43:5, 44:1, 45:4, 45:20, 46:17, 47:7, 47:24, 49:12, 50:19, 53:4, 58:25, 59:4, 59:24, 59:25, 61:22, 66:6, 71:17, 104:24, 116:10, 116:16, 116:17, 117:7, 117:11, 118:1, 118:24, 119:13, 119:22, 120:5, 120:14, 120:15, 122:11, 122:12, 123:15, 138:14, 139:24, 147:2, 156:2, 159:14, 159:19, 159:24, 160:13, 167:12,</p>	<p>184:1, 184:16, 184:23, 187:3, 188:14, 189:2, 189:17, 190:12, 190:13, 194:5, 194:8, 194:11, 194:13, 194:17, 194:20, 194:24, 202:18, 204:2, 204:3 <b>COURT</b> [114] - 1:1, 1:17, 7:5, 7:15, 8:18, 9:16, 10:7, 11:12, 11:21, 12:9, 12:11, 12:14, 12:16, 19:23, 20:9, 20:12, 25:12, 26:18, 28:3, 29:19, 30:2, 30:13, 30:22, 30:24, 36:1, 39:7, 43:4, 47:23, 48:1, 48:16, 48:19, 48:24, 51:7, 54:5, 54:9, 54:15, 55:8, 56:13, 57:8, 58:8, 60:17, 61:8, 61:12, 62:8, 62:17, 62:23, 63:5, 63:8, 63:16, 63:19, 64:8, 64:11, 64:13, 64:18, 64:23, 84:13, 86:17, 89:25, 94:7, 94:10, 94:12, 101:12, 105:13, 105:19, 106:14, 106:25, 116:23, 118:19, 119:7, 119:11, 119:15, 119:18, 129:4, 129:7, 131:10, 132:10, 132:16, 132:19, 132:21, 132:23, 132:25, 133:2, 133:3, 133:4, 133:9, 133:14, 133:17, 135:11, 137:14, 138:5, 138:8, 138:13, 138:21, 140:3, 142:14, 142:17, 142:21, 142:23, 143:4, 150:18, 153:4, 153:7, 171:17, 180:9, 190:18, 195:1, 198:20, 202:1, 202:6, 202:10, 202:14, 202:20, 202:24, 203:2 <b>Court's</b> [3] - 30:10, 121:1, 123:3 <b>courtroom</b> [6] - 35:17, 35:21, 80:19, 142:21, 153:17,</p>	<p>155:20 <b>courts</b> [1] - 116:2 <b>cover</b> [6] - 43:20, 53:8, 164:7, 165:6, 199:7, 201:3 <b>covered</b> [6] - 17:5, 19:21, 31:2, 58:21, 143:13, 143:14 <b>covering</b> [2] - 45:10, 81:5 <b>covers</b> [4] - 83:2, 83:8, 162:4, 165:20 <b>COVID</b> [1] - 174:13 <b>Covington</b> [1] - 5:11 <b>Craig</b> [3] - 117:20, 118:9, 123:20 <b>create</b> [3] - 91:20, 93:14, 149:21 <b>created</b> [5] - 82:4, 82:24, 149:22, 156:9, 156:10 <b>Creates</b> [1] - 151:1 <b>creating</b> [1] - 148:10 <b>credibility</b> [2] - 106:15, 118:16 <b>credible</b> [1] - 123:6 <b>credit</b> [1] - 123:11 <b>critical</b> [2] - 78:24, 118:21 <b>criticisms</b> [1] - 145:2 <b>criticized</b> [2] - 122:13, 152:23 <b>CROSS</b> [2] - 65:4, 143:6 <b>cross</b> [21] - 7:8, 10:6, 10:9, 10:11, 10:12, 60:25, 61:3, 61:7, 61:8, 63:2, 63:11, 64:19, 81:22, 105:12, 105:16, 105:23, 105:25, 138:16, 140:18, 197:14, 202:7 <b>cross-examine</b> [1] - 64:19 <b>cross-examined</b> [1] - 197:14 <b>CRR</b> [2] - 6:17, 6:18 <b>cull</b> [2] - 191:16, 194:22 <b>culled</b> [1] - 104:1 <b>current</b> [3] - 76:7, 114:11, 114:12 <b>Custom</b> [5] - 184:18, 185:3, 185:22, 187:13, 188:3 <b>customer</b> [8] - 90:18, 100:6, 140:12, 140:13, 151:25, 152:8, 152:20, 185:6</p>
--	---	--	---	---



<p><b>customers</b> [5] - 97:11, 97:21, 141:5, 183:17, 186:1</p> <p><b>cut</b> [5] - 9:16, 9:20, 190:16, 190:17, 194:12</p> <p><b>CVS</b> [13] - 25:17, 26:3, 26:25, 27:2, 27:4, 27:9, 27:19, 28:7, 28:17, 29:8, 29:10, 29:14, 31:3</p> <p><b>CVSs</b> [2] - 25:21, 26:21</p>	<p>106:20, 106:22, 107:6, 107:10, 107:16, 108:1, 108:2, 108:12, 109:21, 112:2, 112:7, 112:15, 112:16, 112:19, 112:21, 112:24, 112:25, 113:1, 113:7, 113:8, 113:9, 113:10, 113:11, 113:15, 114:17, 115:2, 121:20, 124:6, 124:11, 124:12, 124:19, 124:23, 124:25, 125:1, 125:2, 125:12, 125:21, 126:12, 128:3, 128:5, 134:6, 134:10, 134:22, 139:24, 140:19, 140:20, 141:1, 143:17, 143:21, 143:24, 144:8, 144:10, 144:23, 145:1, 145:3, 145:7, 145:10, 145:20, 145:24, 146:2, 146:6, 146:12, 147:8, 147:11, 147:15, 147:19, 147:22, 147:25, 148:10, 148:11, 148:14, 149:8, 149:17, 149:25, 150:3, 150:7, 152:24, 153:15, 156:11, 157:2, 159:1, 159:23, 159:25, 160:2, 163:22, 164:6, 164:11, 165:8, 166:15, 167:7, 167:8, 173:22, 173:23, 173:25, 175:20, 175:24, 176:2, 182:22, 182:23, 183:2, 183:3, 183:4, 183:13, 183:16, 183:17, 186:12, 186:13, 186:14, 188:13, 192:7, 195:10, 198:14, 198:15, 199:15, 199:24, 200:14, 200:21, 201:8, 201:12, 201:15</p> <p><b>database</b> [5] - 70:2, 70:14, 92:11, 99:21,</p>	<p>145:1</p> <p><b>dataset</b> [4] - 28:6, 28:10, 115:23, 145:19</p> <p><b>datasets</b> [3] - 22:15, 28:5, 144:16</p> <p><b>date</b> [3] - 152:22, 172:21, 173:12</p> <p><b>Date</b> [1] - 204:16</p> <p><b>dated</b> [1] - 150:22</p> <p><b>dates</b> [1] - 75:5</p> <p><b>DAVID</b> [2] - 1:17, 2:9</p> <p><b>David</b> [2] - 7:1, 105:20</p> <p><b>days</b> [10] - 60:20, 61:21, 69:18, 74:25, 75:3, 122:11, 160:5, 160:6, 164:21, 165:16</p> <p><b>DC</b> [6] - 2:11, 4:7, 4:14, 4:16, 5:5, 5:12</p> <p><b>de</b> [2] - 153:21, 155:18</p> <p><b>De</b> [2] - 2:4, 2:16</p> <p><b>DEA</b> [102] - 14:21, 28:5, 28:10, 31:11, 31:12, 31:13, 31:19, 31:22, 36:9, 36:13, 36:25, 38:14, 39:11, 41:16, 43:10, 64:1, 67:24, 68:1, 68:11, 69:3, 69:5, 69:9, 69:11, 70:8, 71:4, 71:14, 71:22, 72:5, 72:11, 73:4, 73:9, 74:14, 74:19, 75:19, 76:2, 76:8, 76:19, 77:6, 77:13, 77:24, 79:9, 79:14, 79:22, 79:25, 80:12, 81:12, 82:15, 86:6, 86:13, 86:21, 87:1, 87:4, 92:3, 93:20, 96:11, 97:7, 99:5, 99:6, 99:15, 99:19, 102:5, 112:12, 113:25, 114:1, 114:8, 114:11, 115:3, 143:25, 144:9, 145:8, 145:10, 145:20, 146:12, 146:24, 147:11, 147:12, 147:19, 147:20, 148:1, 148:3, 148:14, 148:17, 148:23, 149:8, 149:21, 150:2, 150:7, 150:12, 150:14, 150:22, 151:1, 151:7, 151:11, 151:13, 151:23,</p>	<p>152:5, 152:23, 182:25</p> <p><b>DEA's</b> [7] - 71:18, 73:13, 74:5, 74:10, 74:14, 80:7, 80:17</p> <p><b>deal</b> [5] - 7:18, 9:18, 9:24, 11:25, 12:5</p> <p><b>decade</b> [1] - 87:2</p> <p><b>December</b> [1] - 111:20</p> <p><b>decided</b> [2] - 128:2, 169:1</p> <p><b>deciding</b> [1] - 100:12</p> <p><b>decision</b> [5] - 100:16, 100:24, 117:23, 120:2, 167:15</p> <p><b>deck</b> [4] - 24:18, 84:4, 84:14, 194:22</p> <p><b>decline</b> [6] - 83:20, 157:21, 157:24, 160:17, 160:19, 160:20</p> <p><b>declined</b> [4] - 136:12, 158:24, 158:25, 198:25</p> <p><b>declining</b> [1] - 47:16</p> <p><b>decreased</b> [3] - 88:6, 158:11, 159:20</p> <p><b>decreasing</b> [3] - 87:20, 88:4, 88:6</p> <p><b>deemed</b> [1] - 174:19</p> <p><b>deeply</b> [1] - 123:18</p> <p><b>defeats</b> [1] - 10:2</p> <p><b>Defendant</b> [4] - 4:10, 5:2, 5:7, 6:2</p> <p><b>defendant</b> [8] - 18:14, 18:15, 44:6, 73:17, 73:20, 73:23, 159:25, 197:6</p> <p><b>defendant's</b> [2] - 95:6, 95:11</p> <p><b>defendants</b> [30] - 7:7, 7:10, 9:3, 9:5, 11:18, 22:16, 30:18, 45:14, 54:24, 59:25, 63:21, 72:2, 72:6, 76:17, 77:5, 78:11, 78:25, 79:22, 83:14, 87:1, 87:6, 129:18, 131:15, 145:1, 153:16, 154:22, 166:4, 170:2, 179:1, 183:18</p> <p><b>Defendants</b> [3] - 1:8, 1:14, 204:7</p> <p><b>defendants'</b> [2] - 133:22, 183:3</p> <p><b>defer</b> [1] - 48:5</p> <p><b>define</b> [1] - 111:1</p> <p><b>definition</b> [2] - 101:1, 101:19</p>	<p><b>definitively</b> [2] - 113:2, 113:5</p> <p><b>demonstrate</b> [2] - 138:17, 141:1</p> <p><b>demonstrative</b> [11] - 57:6, 104:25, 107:4, 107:7, 110:6, 158:15, 187:14, 187:16, 189:1, 189:4, 189:5</p> <p><b>denied</b> [3] - 118:20, 120:20, 120:21</p> <p><b>denominator</b> [1] - 182:11</p> <p><b>deposed</b> [1] - 172:10</p> <p><b>deposition</b> [5] - 171:7, 172:17, 172:20, 172:23, 173:11</p> <p><b>depositions</b> [1] - 67:4</p> <p><b>describe</b> [4] - 51:13, 75:17, 75:24, 101:16</p> <p><b>described</b> [10] - 52:7, 64:5, 66:21, 69:10, 70:24, 94:23, 101:2, 101:3, 102:3, 115:1</p> <p><b>describes</b> [3] - 70:11, 70:19, 127:13</p> <p><b>description</b> [2] - 11:10, 64:3</p> <p><b>designated</b> [1] - 174:3</p> <p><b>despite</b> [1] - 183:21</p> <p><b>destroyed</b> [1] - 97:24</p> <p><b>detail</b> [6] - 51:20, 69:22, 70:2, 74:17, 74:20, 81:8</p> <p><b>details</b> [2] - 61:6, 67:18</p> <p><b>determination</b> [1] - 106:19</p> <p><b>determine</b> [3] - 75:8, 125:12, 126:2</p> <p><b>determined</b> [4] - 72:1, 72:14, 73:13, 114:2</p> <p><b>determining</b> [1] - 73:12</p> <p><b>developed</b> [1] - 8:24</p> <p><b>develops</b> [1] - 11:24</p> <p><b>dictionary</b> [3] - 64:1, 64:2, 92:3</p> <p><b>difference</b> [2] - 44:8, 113:8</p> <p><b>different</b> [20] - 18:21, 25:21, 28:23, 48:13, 50:5, 59:17, 75:9, 75:11, 75:12, 101:19, 118:22, 153:15, 154:19, 170:2, 178:1, 178:20, 184:24, 188:17, 189:8,</p>
<b>D</b>				
<p><b>daily</b> [1] - 77:25</p> <p><b>damage</b> [1] - 158:7</p> <p><b>damages</b> [1] - 158:5</p> <p><b>data</b> [249] - 15:13, 18:14, 18:15, 18:16, 19:8, 19:10, 28:1, 28:11, 28:12, 28:24, 34:13, 35:8, 44:6, 45:12, 45:13, 51:22, 54:3, 58:12, 59:15, 61:19, 61:24, 61:25, 62:5, 63:20, 63:21, 63:23, 64:5, 64:13, 66:18, 66:21, 67:1, 67:10, 67:13, 67:16, 67:18, 67:22, 68:1, 69:20, 69:22, 69:23, 69:25, 70:1, 70:14, 71:1, 71:5, 71:6, 71:10, 71:13, 71:16, 71:18, 71:21, 72:1, 72:4, 72:6, 73:4, 73:8, 73:10, 73:14, 73:17, 73:18, 73:21, 73:22, 73:23, 74:5, 77:5, 78:16, 79:9, 80:6, 81:5, 81:7, 81:8, 82:15, 82:23, 85:13, 86:6, 87:2, 87:5, 90:22, 91:6, 91:18, 91:20, 91:23, 91:24, 92:2, 92:4, 92:14, 92:20, 93:6, 93:11, 93:19, 94:18, 94:20, 94:21, 94:25, 95:1, 95:12, 96:10, 96:14, 97:7, 98:3, 98:12, 98:18, 98:19, 99:6, 99:20, 101:5, 101:17, 102:8, 102:22, 102:23, 103:5, 104:18, 104:19, 104:22, 104:23, 105:5, 105:6, 106:6,</p>				

<p>199:16  <b>differently</b> [4] - 73:19, 81:5, 88:5, 124:15  <b>difficulties</b> [1] - 174:12  <b>digit</b> [4] - 81:18, 81:19, 81:22, 165:5  <b>diminimous</b> [12] - 100:23, 101:1, 101:6, 101:17, 103:2, 103:7, 110:18, 110:25, 111:1, 111:3, 111:9, 111:12  <b>direct</b> [10] - 8:7, 8:15, 8:20, 27:15, 39:9, 39:13, 39:22, 88:15, 169:10, 189:18  <b>directed</b> [2] - 167:17, 168:20  <b>direction</b> [4] - 26:15, 128:23, 161:7  <b>directive</b> [1] - 8:1  <b>directly</b> [4] - 13:20, 120:13, 120:15, 196:20  <b>disaggregated</b> [1] - 74:22  <b>disagree</b> [1] - 69:21  <b>disavowed</b> [1] - 158:5  <b>disbelief</b> [1] - 119:24  <b>discern</b> [3] - 14:18, 27:11, 44:22  <b>disclose</b> [1] - 106:2  <b>disclosed</b> [8] - 7:7, 7:9, 9:2, 9:6, 57:6, 76:17, 106:4, 189:1  <b>discloses</b> [1] - 192:23  <b>disclosure</b> [2] - 58:7, 60:16  <b>disclosures</b> [3] - 8:25, 10:2, 79:24  <b>disconnect</b> [1] - 128:4  <b>Discount</b> [22] - 29:22, 31:4, 31:20, 32:5, 32:8, 32:16, 33:3, 33:11, 33:21, 34:4, 34:16, 34:23, 35:7, 35:10, 35:16, 36:5, 36:9, 36:13, 36:24, 37:8, 37:20, 38:13  <b>discovered</b> [1] - 122:3  <b>discovery</b> [8] - 9:7, 18:16, 28:13, 45:14, 73:11, 73:21, 75:23, 160:1  <b>discrepancies</b> [1] - 124:13  <b>discussed</b> [7] - 29:25, 156:7, 169:9,</p>	<p>169:12, 169:15, 185:6, 191:2  <b>discussing</b> [3] - 49:17, 185:9, 188:4  <b>discussion</b> [3] - 79:12, 107:14, 160:25  <b>discussions</b> [2] - 76:23, 148:23  <b>dishonestly</b> [1] - 120:1  <b>dismissed</b> [1] - 120:10  <b>dispense</b> [1] - 69:2  <b>dispensed</b> [1] - 183:9  <b>dispensers</b> [5] - 51:16, 53:24, 97:15, 98:5, 129:21  <b>dispensing</b> [1] - 151:18  <b>display</b> [1] - 199:24  <b>dispute</b> [1] - 30:9  <b>distances</b> [2] - 140:20, 140:23  <b>distilled</b> [1] - 9:7  <b>distinct</b> [2] - 119:25, 122:14  <b>distinction</b> [4] - 32:19, 32:22, 32:23, 145:13  <b>distinguish</b> [1] - 44:8  <b>distinguishing</b> [1] - 10:21  <b>distribute</b> [2] - 88:22, 196:21  <b>distributed</b> [22] - 21:13, 21:15, 22:24, 23:1, 27:2, 27:4, 27:9, 29:10, 29:11, 44:11, 66:7, 69:14, 81:14, 104:9, 104:10, 126:13, 141:12, 141:16, 141:22, 142:1, 146:19, 155:24  <b>distributing</b> [1] - 23:11  <b>distribution</b> [68] - 18:18, 22:5, 22:21, 28:17, 62:5, 68:14, 83:13, 83:15, 85:21, 86:6, 86:14, 87:15, 87:19, 87:24, 88:3, 88:16, 89:4, 89:15, 93:3, 93:21, 95:7, 95:11, 99:15, 102:19, 103:20, 104:12, 110:24, 113:19, 114:24, 115:25, 123:24, 125:9, 126:12,</p>	<p>129:19, 130:12, 131:15, 131:17, 131:19, 131:20, 132:9, 133:23, 134:5, 134:22, 135:1, 135:5, 136:18, 136:20, 137:12, 138:2, 139:2, 139:17, 140:12, 140:13, 151:17, 156:13, 156:18, 156:22, 156:23, 157:2, 158:10, 162:13, 168:10, 168:13, 169:2, 169:7, 183:13, 196:16  <b>Distributions</b> [1] - 177:11  <b>distributions</b> [3] - 35:9, 169:16, 188:21  <b>distributor</b> [41] - 16:15, 23:6, 23:24, 27:12, 29:14, 32:15, 33:2, 46:25, 76:17, 77:5, 78:11, 78:25, 79:22, 85:25, 86:25, 87:5, 95:6, 95:11, 97:18, 98:23, 100:6, 100:22, 102:3, 102:5, 113:20, 129:18, 131:14, 158:10, 161:2, 182:24, 183:8, 183:12, 186:25, 188:6, 188:18, 188:21, 189:8, 193:21, 194:2, 195:17, 197:3  <b>distributor's</b> [2] - 102:6, 158:9  <b>distributors</b> [67] - 14:14, 24:2, 26:23, 37:12, 44:3, 46:12, 46:13, 46:14, 67:23, 77:12, 79:6, 80:13, 83:14, 85:5, 86:3, 86:5, 97:14, 97:21, 98:4, 100:17, 101:23, 102:9, 113:23, 114:5, 129:13, 135:16, 146:13, 147:9, 147:16, 147:23, 150:3, 150:8, 151:24, 152:13, 152:17, 152:24, 153:12, 153:16, 154:25, 155:5, 155:19, 155:24,</p>	<p>157:4, 161:11, 163:1, 165:9, 165:14, 165:18, 165:23, 166:9, 166:22, 168:4, 169:17, 170:21, 186:22, 191:1, 191:7, 192:14, 192:24, 193:3, 193:4, 195:16, 195:18, 195:20, 195:23, 196:3, 196:19  <b>Distributors</b> [1] - 151:2  <b>distributors'</b> [2] - 87:15, 97:10  <b>DISTRICT</b> [3] - 1:1, 1:1, 1:17  <b>District</b> [16] - 7:2, 7:3, 116:10, 116:16, 116:17, 117:7, 117:8, 117:11, 118:24, 119:13, 120:14, 120:15, 121:1, 122:11, 122:12, 122:13  <b>divide</b> [3] - 53:19, 93:25, 125:9  <b>division</b> [1] - 181:21  <b>Doctor</b> [1] - 170:6  <b>doctor</b> [3] - 65:21, 135:14  <b>doctors</b> [4] - 129:10, 135:25, 136:22, 140:22  <b>Document</b> [1] - 9:4  <b>document</b> [33] - 54:19, 55:1, 85:1, 85:10, 89:20, 90:4, 90:5, 106:3, 107:13, 110:3, 110:14, 116:20, 117:2, 117:5, 125:19, 130:2, 132:18, 147:4, 151:7, 151:9, 162:8, 175:18, 188:16, 190:6, 190:7, 190:11, 191:14, 192:22, 193:17, 194:4, 196:9, 196:23, 198:6  <b>documents</b> [30] - 7:7, 7:11, 7:17, 7:19, 7:21, 8:6, 8:14, 8:16, 8:19, 9:6, 9:9, 9:12, 9:14, 9:17, 10:5, 10:25, 11:6, 11:9, 11:15, 11:19, 12:7, 26:11, 48:10, 105:9,</p>	<p>105:12, 105:16, 105:23, 125:18, 150:13, 175:19  <b>dollars</b> [2] - 184:8, 184:13  <b>done</b> [12] - 8:15, 30:6, 34:10, 55:18, 75:19, 93:24, 144:16, 155:9, 173:16, 178:13, 184:20, 184:21  <b>dosage</b> [124] - 13:15, 13:16, 13:18, 13:20, 13:22, 13:24, 14:7, 14:8, 16:18, 16:25, 17:8, 17:13, 17:25, 18:23, 19:13, 21:1, 21:3, 21:4, 21:6, 21:7, 21:13, 21:18, 21:19, 21:21, 24:6, 24:8, 24:16, 25:3, 27:1, 27:5, 27:8, 28:15, 32:7, 33:25, 34:19, 36:12, 36:24, 37:1, 37:2, 37:7, 38:7, 38:12, 38:15, 39:16, 40:9, 41:2, 41:4, 41:21, 42:11, 43:16, 45:7, 45:20, 47:4, 47:12, 49:14, 49:20, 49:23, 50:1, 50:3, 50:4, 50:20, 50:22, 51:4, 51:23, 52:3, 52:20, 53:2, 56:18, 57:2, 57:25, 58:17, 58:19, 59:2, 59:9, 60:4, 74:8, 74:15, 85:24, 88:23, 88:25, 89:2, 99:2, 99:11, 100:18, 104:9, 104:10, 104:13, 108:12, 109:13, 109:23, 110:7, 110:12, 111:19, 112:21, 113:3, 113:11, 129:23, 133:24, 134:15, 134:16, 134:18, 136:8, 136:12, 136:13, 168:11, 169:11, 169:13, 177:3, 177:6, 177:9, 179:3, 188:17, 189:9, 190:23, 192:23, 193:5, 193:7, 193:9, 193:15, 195:5, 197:4, 197:18, 197:21  <b>doses</b> [2] - 15:2, 15:3</p>
--	---	---	---	--

<p><b>dots</b> [1] - 48:6</p> <p><b>double</b> [1] - 54:23</p> <p><b>double-check</b> [1] - 54:23</p> <p><b>Douglas</b> [1] - 4:17</p> <p><b>down</b> [52] - 9:7, 9:8, 13:10, 13:13, 13:22, 20:20, 20:22, 26:4, 26:7, 26:12, 26:15, 31:7, 39:15, 41:20, 43:14, 46:16, 47:17, 61:3, 61:6, 62:14, 69:23, 90:24, 93:6, 107:22, 108:17, 113:15, 139:8, 145:16, 152:12, 154:23, 157:15, 158:21, 160:10, 160:11, 161:7, 165:4, 166:12, 166:22, 167:23, 179:24, 179:25, 181:24, 182:2, 185:22, 193:11, 194:12, 194:22, 198:24, 199:4</p> <p><b>Dr</b> [181] - 7:5, 12:17, 12:22, 12:25, 13:3, 14:1, 14:12, 14:17, 14:23, 15:17, 16:13, 17:12, 17:21, 18:8, 18:19, 19:4, 19:21, 20:17, 21:8, 21:23, 22:11, 22:18, 23:4, 23:20, 24:19, 25:15, 25:20, 26:1, 26:21, 27:15, 28:5, 28:21, 29:5, 29:21, 31:2, 31:16, 31:24, 32:12, 32:25, 34:10, 35:6, 35:15, 36:4, 36:8, 36:18, 37:4, 37:15, 37:22, 38:7, 38:18, 39:9, 39:18, 39:22, 40:8, 40:13, 41:15, 41:24, 42:10, 43:7, 43:12, 43:20, 43:25, 44:7, 44:25, 45:3, 45:18, 46:3, 46:15, 47:1, 49:2, 49:8, 49:17, 50:7, 51:10, 51:17, 52:6, 52:10, 53:1, 54:8, 55:11, 55:13, 56:15, 57:13, 57:16, 58:11, 58:20, 60:9, 60:13, 60:19, 61:17, 61:23, 63:14, 63:17, 65:6, 65:17, 71:23, 80:9, 82:6, 83:25, 85:2, 85:12,</p>	<p>87:9, 88:21, 90:3, 90:9, 91:6, 94:15, 94:17, 96:1, 96:2, 96:6, 98:19, 100:4, 102:16, 102:21, 103:9, 103:11, 103:12, 103:18, 104:1, 104:21, 104:24, 105:5, 105:7, 105:16, 107:4, 107:7, 107:17, 107:20, 109:15, 110:25, 111:18, 112:3, 116:2, 116:7, 117:1, 117:5, 118:6, 119:20, 120:9, 120:25, 122:9, 122:16, 123:23, 127:3, 129:9, 131:7, 131:13, 132:1, 132:3, 132:5, 132:25, 133:12, 133:22, 135:8, 137:8, 137:19, 139:1, 140:10, 141:3, 142:21, 142:25, 143:8, 143:17, 150:20, 153:9, 154:12, 154:13, 171:4, 171:9, 171:23, 172:2, 174:23, 175:7, 177:20, 181:6, 198:21, 202:16, 202:25</p> <p><b>draw</b> [1] - 111:15</p> <p><b>drawing</b> [3] - 95:3, 166:19, 167:24</p> <p><b>drive</b> [1] - 140:23</p> <p><b>Drive</b> [1] - 6:15</p> <p><b>driving</b> [1] - 135:12</p> <p><b>drop</b> [2] - 89:3, 89:11</p> <p><b>dropped</b> [2] - 89:7, 122:7</p> <p><b>drove</b> [1] - 135:5</p> <p><b>drug</b> [7] - 46:20, 50:2, 51:17, 81:17, 151:15, 195:5</p> <p><b>Drug</b> [13] - 6:2, 39:10, 39:22, 43:8, 68:7, 72:24, 80:8, 146:14, 146:17, 159:24, 165:3, 200:1, 204:7</p> <p><b>DRUG</b> [2] - 1:7, 1:13</p> <p><b>drugs</b> [11] - 49:19, 49:23, 50:1, 81:19, 102:4, 102:5, 128:21, 128:24, 136:25, 140:18,</p>	<p>188:8</p> <p><b>drugstore</b> [1] - 44:4</p> <p><b>during</b> [22] - 23:23, 24:1, 39:18, 40:8, 41:21, 45:22, 49:15, 50:20, 51:15, 54:4, 55:21, 58:2, 71:3, 76:8, 84:19, 85:17, 103:16, 122:20, 153:18, 161:16, 161:18, 171:5</p>	<p><b>E</b></p> <p><b>early</b> [3] - 88:6, 100:11, 114:16</p> <p><b>easier</b> [2] - 46:4, 88:18</p> <p><b>East</b> [3] - 3:5, 3:12, 4:18</p> <p><b>Eastern</b> [2] - 127:8, 127:21</p> <p><b>easy</b> [1] - 138:11</p> <p><b>ECF</b> [1] - 105:21</p> <p><b>economist</b> [1] - 65:17</p> <p><b>edge</b> [1] - 89:9</p> <p><b>editorial</b> [1] - 195:2</p> <p><b>educate</b> [1] - 150:13</p> <p><b>effect</b> [2] - 99:7, 124:7</p> <p><b>Effective</b> [1] - 91:1</p> <p><b>effective</b> [2] - 53:17, 90:25</p> <p><b>effectively</b> [1] - 155:1</p> <p><b>efficiency</b> [1] - 123:16</p> <p><b>eight</b> [4] - 13:13, 43:15, 122:11, 193:15</p> <p><b>eighth</b> [1] - 134:12</p> <p><b>Eighth</b> [1] - 3:10</p> <p><b>either</b> [13] - 11:8, 15:16, 16:21, 23:5, 24:5, 29:13, 54:24, 59:2, 66:22, 99:24, 149:3, 163:24, 201:8</p> <p><b>electronic</b> [1] - 37:13</p> <p><b>eliminate</b> [1] - 156:5</p> <p><b>ELIZABETH</b> [1] - 6:14</p> <p><b>email</b> [6] - 89:23, 90:10, 90:12, 90:14, 90:17, 90:25</p> <p><b>emotion</b> [1] - 121:25</p> <p><b>empirical</b> [1] - 140:25</p> <p><b>employees</b> [1] - 11:20</p> <p><b>Encino</b> [1] - 3:18</p> <p><b>encompassed</b> [1] - 185:1</p> <p><b>encompasses</b> [1] - 162:24</p> <p><b>end</b> [10] - 16:6, 18:17, 19:8, 19:10, 22:10, 23:2, 27:21, 42:14,</p>	<p>113:22, 113:24</p> <p><b>ended</b> [1] - 100:12</p> <p><b>ending</b> [6] - 22:14, 36:13, 36:25, 38:14, 130:3, 141:7</p> <p><b>ends</b> [1] - 31:22</p> <p><b>Enforcement</b> [2] - 68:8, 72:24</p> <p><b>entered</b> [1] - 8:3</p> <p><b>entire</b> [11] - 9:14, 53:6, 53:8, 56:25, 66:16, 115:21, 115:23, 134:13, 171:5, 193:11, 201:11</p> <p><b>entirely</b> [4] - 15:15, 15:25, 95:21, 134:25</p> <p><b>entity</b> [1] - 113:19</p> <p><b>entries</b> [1] - 107:5</p> <p><b>entry</b> [2] - 13:17, 49:21</p> <p><b>ENU</b> [1] - 4:12</p> <p><b>envision</b> [1] - 11:6</p> <p><b>epidemiologist</b> [1] - 65:19</p> <p><b>equate</b> [1] - 42:15</p> <p><b>equations</b> [1] - 82:20</p> <p><b>equivalent</b> [3] - 82:12, 82:13, 177:2</p> <p><b>erase</b> [1] - 118:15</p> <p><b>error</b> [2] - 101:15, 122:3</p> <p><b>essentially</b> [1] - 50:15</p> <p><b>established</b> [1] - 110:9</p> <p><b>estimation</b> [1] - 188:20</p> <p><b>et</b> [4] - 1:7, 1:13, 204:6, 204:7</p> <p><b>evaluate</b> [1] - 124:12</p> <p><b>evaluation</b> [1] - 118:13</p> <p><b>evening</b> [1] - 202:19</p> <p><b>event</b> [2] - 123:10, 123:17</p> <p><b>evidence</b> [17] - 19:25, 20:8, 25:9, 29:17, 39:5, 47:19, 54:3, 56:11, 57:4, 58:5, 60:14, 69:13, 122:9, 153:3, 154:7, 156:18, 183:12</p> <p><b>evidentiary</b> [1] - 119:4</p> <p><b>exact</b> [4] - 122:8, 137:13, 194:19</p> <p><b>exactly</b> [8] - 50:8, 100:11, 100:24, 129:25, 137:2, 150:5, 162:3, 194:12</p> <p><b>exam</b> [1] - 30:17</p> <p><b>EXAMINATION</b> [2] -</p>	<p>65:4, 143:6</p> <p><b>examination</b> [9] - 8:7, 8:15, 8:20, 9:14, 10:11, 105:23, 105:25, 138:16, 189:18</p> <p><b>examine</b> [5] - 7:8, 10:6, 10:9, 10:12, 64:19</p> <p><b>examined</b> [1] - 197:14</p> <p><b>examining</b> [1] - 123:5</p> <p><b>example</b> [5] - 38:9, 60:3, 98:25, 158:13, 166:6</p> <p><b>examples</b> [1] - 30:7</p> <p><b>exceeded</b> [1] - 183:13</p> <p><b>Excel</b> [2] - 93:8, 107:18</p> <p><b>except</b> [2] - 22:9, 95:24</p> <p><b>exception</b> [1] - 88:2</p> <p><b>exceptions</b> [1] - 30:11</p> <p><b>exchange</b> [2] - 105:11, 105:15</p> <p><b>exclude</b> [4] - 167:12, 167:15, 170:22, 178:9</p> <p><b>excluded</b> [4] - 169:8, 169:9, 170:11, 178:3</p> <p><b>excluding</b> [2] - 166:23, 180:24</p> <p><b>exclusions</b> [1] - 101:3</p> <p><b>exercise</b> [2] - 19:4, 24:4</p> <p><b>exhibit</b> [17] - 14:6, 18:23, 46:18, 47:21, 55:19, 57:7, 59:17, 74:23, 105:24, 106:2, 106:7, 106:10, 106:16, 179:13, 179:21, 189:17, 193:10</p> <p><b>Exhibit</b> [45] - 13:2, 13:9, 15:9, 18:8, 20:8, 20:17, 21:8, 22:4, 23:19, 24:20, 25:9, 25:16, 25:20, 27:16, 29:17, 29:21, 33:16, 36:4, 36:6, 36:19, 37:5, 39:4, 39:10, 41:8, 41:15, 41:25, 43:1, 43:8, 45:5, 47:18, 49:2, 49:11, 51:3, 54:2, 56:10, 57:3, 58:4, 58:11, 84:3, 179:20, 187:13, 187:24, 192:19, 200:1, 200:18</p> <p><b>exhibits</b> [13] - 18:22,</p>
--	---	---	---	--	--

<p>29:4, 31:9, 48:14, 56:16, 60:25, 62:14, 63:3, 105:22, 105:24, 130:1, 134:2, 165:15</p> <p><b>existence</b> [1] - 152:21</p> <p><b>expect</b> [3] - 128:13, 156:16, 170:12</p> <p><b>expectation</b> [1] - 158:23</p> <p><b>expected</b> [2] - 9:8, 106:3</p> <p><b>expert</b> [34] - 54:8, 54:9, 54:13, 57:7, 65:25, 66:14, 66:25, 67:3, 76:12, 78:18, 78:20, 79:3, 79:20, 96:2, 96:7, 103:6, 104:16, 106:17, 106:19, 115:4, 116:3, 116:13, 122:17, 122:23, 130:19, 131:1, 132:23, 137:18, 154:7, 160:5, 163:4, 167:7, 187:17</p> <p><b>expert's</b> [1] - 131:7</p> <p><b>experts</b> [3] - 64:14, 123:4, 132:4</p> <p><b>explain</b> [32] - 15:8, 15:21, 18:20, 19:5, 27:16, 29:6, 32:13, 33:14, 33:24, 34:13, 36:18, 37:5, 37:23, 38:21, 39:25, 40:16, 41:25, 44:1, 45:4, 49:12, 64:11, 75:11, 98:9, 115:4, 132:8, 137:25, 190:8, 190:15, 190:20, 201:23, 202:1</p> <p><b>explained</b> [4] - 64:8, 117:11, 121:21, 136:2</p> <p><b>explanation</b> [1] - 104:18</p> <p><b>expressed</b> [1] - 64:15</p> <p><b>extended</b> [2] - 128:6, 128:7</p> <p><b>extent</b> [3] - 20:2, 62:4, 162:17</p> <p><b>extra</b> [2] - 164:7, 164:10</p> <p><b>extreme</b> [1] - 189:6</p> <p><b>eye</b> [1] - 99:17</p>	<p><b>facilities</b> [1] - 113:19</p> <p><b>facility</b> [2] - 102:5, 102:6</p> <p><b>fact</b> [24] - 69:22, 100:2, 112:20, 128:1, 130:22, 131:21, 133:24, 134:12, 134:15, 134:20, 134:24, 136:2, 136:4, 139:11, 139:16, 140:25, 144:3, 149:4, 156:16, 164:14, 166:23, 174:25, 190:13, 198:7</p> <p><b>factors</b> [1] - 64:3</p> <p><b>facts</b> [1] - 132:5</p> <p><b>fair</b> [6] - 70:1, 71:11, 79:21, 83:25, 185:1, 199:3</p> <p><b>Fair</b> [3] - 86:13, 170:10, 179:18</p> <p><b>fairly</b> [2] - 78:24, 201:13</p> <p><b>faith</b> [2] - 131:10, 133:4</p> <p><b>faithful</b> [1] - 120:6</p> <p><b>fall</b> [1] - 43:12</p> <p><b>falls</b> [1] - 39:14</p> <p><b>false</b> [2] - 119:3, 122:9</p> <p><b>familiar</b> [3] - 67:18, 68:19, 175:1</p> <p><b>Family</b> [29] - 29:22, 31:4, 31:20, 32:5, 32:7, 32:16, 33:2, 33:10, 33:21, 34:4, 34:16, 34:23, 35:7, 35:10, 35:16, 36:5, 36:9, 36:13, 36:24, 37:8, 37:19, 38:13, 107:24, 108:13, 109:9, 110:5, 110:24, 111:6, 112:22</p> <p><b>far</b> [10] - 18:25, 52:1, 53:7, 131:25, 132:2, 135:7, 186:3, 186:6, 191:22, 200:6</p> <p><b>FARRELL</b> [11] - 2:3, 7:6, 8:21, 10:3, 10:14, 11:2, 11:17, 12:10, 12:13, 12:15, 202:22</p> <p><b>Farrell</b> [11] - 2:4, 2:15, 7:5, 7:18, 8:8, 8:14, 8:18, 10:8, 48:10, 74:4, 202:24</p> <p><b>fast</b> [3] - 15:17, 19:18, 22:2</p>	<p><b>fault</b> [1] - 10:4</p> <p><b>favor</b> [1] - 121:15</p> <p><b>favorably</b> [1] - 121:17</p> <p><b>FCRR</b> [1] - 6:18</p> <p><b>FDA</b> [3] - 64:1, 91:16, 92:5</p> <p><b>feature</b> [3] - 151:14, 151:19, 152:5</p> <p><b>February</b> [4] - 141:9, 150:23, 152:4</p> <p><b>Federal</b> [1] - 122:17</p> <p><b>federal</b> [6] - 68:8, 68:13, 68:16, 72:24, 116:2, 116:5</p> <p><b>few</b> [18] - 20:21, 20:22, 22:7, 30:7, 49:4, 61:21, 69:18, 76:21, 78:25, 114:14, 143:13, 148:4, 148:6, 148:7, 149:20, 170:17, 177:23, 179:22</p> <p><b>field</b> [8] - 50:3, 64:14, 75:9, 75:11, 92:20, 145:17, 149:11, 149:17</p> <p><b>fields</b> [1] - 145:20</p> <p><b>Fifth</b> [11] - 116:19, 119:14, 120:9, 120:10, 120:13, 120:16, 120:20, 120:25, 121:6, 121:19, 122:2</p> <p><b>fifth</b> [2] - 94:2, 94:3</p> <p><b>figure</b> [16] - 26:10, 51:24, 53:3, 74:13, 74:20, 75:14, 84:18, 89:16, 125:8, 125:9, 125:13, 159:4, 159:15, 159:19, 179:6, 180:13</p> <p><b>figures</b> [5] - 92:10, 124:8, 124:9, 132:9</p> <p><b>filed</b> [3] - 67:3, 120:12, 120:14</p> <p><b>files</b> [4] - 72:11, 74:10, 74:14, 144:10</p> <p><b>fill</b> [2] - 136:20, 192:5</p> <p><b>filled</b> [4] - 81:6, 128:15, 134:9, 140:21</p> <p><b>filter</b> [2] - 93:20, 93:22</p> <p><b>filtering</b> [1] - 93:24</p> <p><b>findings</b> [1] - 118:21</p> <p><b>fine</b> [7] - 8:5, 69:12, 71:9, 78:9, 138:11, 141:21, 150:4</p> <p><b>finish</b> [4] - 62:9, 171:9, 201:24</p> <p><b>finished</b> [1] - 13:1</p>	<p><b>FINRA</b> [1] - 118:25</p> <p><b>Firm</b> [2] - 3:4, 3:7</p> <p><b>First</b> [1] - 145:15</p> <p><b>first</b> [37] - 9:12, 11:5, 13:17, 20:20, 25:24, 26:4, 31:9, 31:14, 32:4, 47:11, 52:4, 52:5, 52:18, 53:11, 54:24, 59:6, 59:15, 65:10, 73:8, 81:7, 81:17, 84:14, 94:19, 94:22, 106:5, 107:10, 114:16, 123:17, 141:25, 149:8, 152:6, 155:3, 156:19, 172:15, 175:19, 193:8</p> <p><b>first-hand</b> [1] - 73:8</p> <p><b>fit</b> [2] - 30:10, 199:24</p> <p><b>five</b> [15] - 13:12, 19:1, 26:4, 28:19, 39:15, 60:20, 71:5, 89:18, 155:24, 160:16, 169:10, 180:22, 184:8, 184:13, 194:24</p> <p><b>five-milligram</b> [1] - 19:1</p> <p><b>five-year</b> [1] - 160:16</p> <p><b>FL</b> [1] - 2:14</p> <p><b>flag</b> [1] - 55:2</p> <p><b>flagged</b> [1] - 169:25</p> <p><b>flagging</b> [12] - 62:1, 169:20, 169:23, 170:7, 170:10, 170:18, 170:25, 171:4, 171:23, 173:5, 178:2, 178:10</p> <p><b>flags</b> [2] - 11:4, 11:10</p> <p><b>Flaherty</b> [1] - 5:14</p> <p><b>FLAHIVE</b> [1] - 5:10</p> <p><b>flawed</b> [1] - 123:18</p> <p><b>flip</b> [2] - 57:13, 141:25</p> <p><b>flip-flopped</b> [1] - 57:13</p> <p><b>Floor</b> [1] - 3:5</p> <p><b>flopped</b> [1] - 57:13</p> <p><b>flow</b> [2] - 114:6, 151:15</p> <p><b>flows</b> [1] - 140:11</p> <p><b>fly</b> [1] - 157:9</p> <p><b>flying</b> [1] - 154:3</p> <p><b>focus</b> [13] - 49:18, 88:10, 103:23, 115:3, 143:11, 153:9, 161:20, 167:3, 178:11, 179:3, 179:16, 188:11, 199:11</p> <p><b>focused</b> [5] - 97:9,</p>	<p>97:13, 167:13, 169:15, 178:6</p> <p><b>focusing</b> [2] - 111:18, 165:20</p> <p><b>folder</b> [2] - 88:11, 186:20</p> <p><b>follow</b> [3] - 10:19, 31:9, 147:4</p> <p><b>following</b> [4] - 18:19, 30:16, 32:2, 56:7</p> <p><b>follows</b> [3] - 7:4, 140:17, 140:18</p> <p><b>footnote</b> [1] - 122:7</p> <p><b>FOR</b> [1] - 1:1</p> <p><b>foregoing</b> [1] - 204:4</p> <p><b>forgot</b> [1] - 7:8</p> <p><b>forgotten</b> [1] - 166:14</p> <p><b>form</b> [5] - 50:2, 74:17, 112:14, 113:2, 143:18</p> <p><b>format</b> [2] - 15:18</p> <p><b>former</b> [4] - 76:8, 114:1, 115:3, 149:8</p> <p><b>forming</b> [1] - 64:14</p> <p><b>formula</b> [1] - 93:8</p> <p><b>formulations</b> [1] - 50:5</p> <p><b>forward</b> [8] - 15:17, 19:18, 20:7, 22:2, 48:11, 81:9, 83:20, 158:1</p> <p><b>forward-seeking</b> [1] - 158:1</p> <p><b>foundation</b> [2] - 9:15, 131:7</p> <p><b>foundational</b> [2] - 9:9, 171:16</p> <p><b>four</b> [31] - 13:5, 13:6, 14:22, 15:1, 15:4, 21:12, 21:14, 22:5, 25:23, 25:24, 26:6, 26:21, 26:25, 27:3, 27:18, 28:25, 41:20, 50:11, 60:20, 89:18, 155:24, 155:25, 180:22, 183:20, 191:3, 191:5, 194:24, 196:9, 196:12, 197:17, 198:1</p> <p><b>fourth</b> [1] - 26:6</p> <p><b>fraction</b> [2] - 188:20, 189:11</p> <p><b>frame</b> [3] - 27:25, 29:12, 63:12</p> <p><b>framed</b> [1] - 73:19</p> <p><b>fraud</b> [2] - 116:11, 121:1</p> <p><b>free</b> [1] - 171:7</p> <p><b>frequency</b> [1] - 78:2</p>
<b>F</b>				
<b>FABER</b> [1] - 1:17				
<b>Faber</b> [1] - 7:1				



<p><b>frequent</b> [2] - 70:12, 70:23</p> <p><b>friends</b> [1] - 199:3</p> <p><b>front</b> [11] - 49:8, 125:18, 138:10, 150:20, 172:13, 172:25, 185:11, 186:24, 187:2, 192:19, 194:17</p> <p><b>Fruth</b> [36] - 13:2, 13:3, 13:8, 13:11, 13:12, 13:13, 13:18, 13:20, 13:22, 13:24, 14:14, 14:19, 14:20, 14:22, 15:1, 15:12, 16:2, 17:3, 17:5, 17:19, 17:22, 18:1, 18:13, 18:18, 19:7, 19:22, 31:3, 141:25, 142:1, 142:4, 142:6, 142:8</p> <p><b>Fruth's</b> [2] - 13:16, 14:19</p> <p><b>FULLER</b> [1] - 2:15</p> <p><b>Fuller</b> [3] - 2:4, 2:15, 54:18</p> <p><b>function</b> [1] - 151:22</p> <p><b>funds</b> [1] - 117:14</p>	<p>128:6, 128:8, 162:4</p> <p><b>given</b> [9] - 53:16, 60:24, 63:2, 63:19, 96:2, 188:2, 194:5, 194:8, 197:11</p> <p><b>global</b> [1] - 157:2</p> <p><b>gold</b> [4] - 38:4, 40:7, 40:23, 42:7</p> <p><b>Google</b> [1] - 80:24</p> <p><b>gotcha's</b> [1] - 8:24</p> <p><b>government</b> [6] - 45:13, 63:25, 64:6, 78:16, 91:8, 91:24</p> <p><b>governmental</b> [1] - 28:6</p> <p><b>grade</b> [3] - 94:2, 94:3, 94:4</p> <p><b>grams</b> [1] - 82:22</p> <p><b>grand</b> [6] - 52:16, 56:3, 56:4, 56:21, 56:22, 57:23</p> <p><b>graph</b> [5] - 15:15, 15:24, 45:23, 159:3, 201:9</p> <p><b>graphic</b> [2] - 190:22, 190:25</p> <p><b>graphs</b> [3] - 191:3, 201:8, 201:12</p> <p><b>gray</b> [15] - 23:1, 23:9, 24:25, 32:17, 32:19, 32:25, 37:9, 37:15, 40:19, 42:3, 44:9, 199:11, 199:12, 199:15, 199:20</p> <p><b>great</b> [1] - 48:18</p> <p><b>greater</b> [1] - 111:8</p> <p><b>green</b> [8] - 18:25, 22:25, 23:9, 38:2, 40:7, 40:21, 42:5, 199:19</p> <p><b>GRETCHEN</b> [1] - 6:7</p> <p><b>grew</b> [1] - 136:11</p> <p><b>ground</b> [1] - 63:14</p> <p><b>grounds</b> [3] - 54:16, 119:2, 121:4</p> <p><b>group</b> [1] - 117:12</p> <p><b>grouping</b> [1] - 29:1</p> <p><b>groups</b> [1] - 46:19</p> <p><b>grows</b> [1] - 50:22</p> <p><b>guess</b> [2] - 11:11, 78:9</p> <p><b>Gupta</b> [2] - 174:23, 175:7</p> <p><b>guys</b> [3] - 10:5, 10:6, 10:8</p>	<p>129:18, 131:14, 155:21, 171:6, 185:23, 193:6, 193:15, 199:1</p> <p><b>halfway</b> [1] - 152:12</p> <p><b>hand</b> [14] - 14:20, 32:24, 33:25, 34:19, 38:8, 41:1, 42:10, 51:12, 52:17, 53:1, 56:3, 56:21, 73:8, 132:19</p> <p><b>handbook</b> [5] - 70:11, 70:19, 70:24, 71:8, 71:12</p> <p><b>Handbook</b> [1] - 102:2</p> <p><b>handed</b> [1] - 187:11</p> <p><b>handled</b> [1] - 144:21</p> <p><b>hands</b> [1] - 147:5</p> <p><b>handwrite</b> [1] - 11:5</p> <p><b>happy</b> [3] - 54:14, 61:7, 112:2</p> <p><b>hard</b> [8] - 10:4, 50:5, 54:11, 173:24, 174:3, 174:8, 174:17</p> <p><b>hard-to-count</b> [1] - 173:24</p> <p><b>harder</b> [1] - 174:14</p> <p><b>HARDIN</b> [1] - 5:3</p> <p><b>harsh</b> [1] - 121:24</p> <p><b>Hawkins</b> [1] - 3:7</p> <p><b>head</b> [4] - 162:16, 162:23, 163:21, 165:15</p> <p><b>header</b> [1] - 150:22</p> <p><b>heading</b> [1] - 124:1</p> <p><b>headquarters</b> [1] - 149:21</p> <p><b>Health</b> [29] - 4:11, 5:2, 14:9, 14:11, 17:20, 19:8, 22:17, 27:2, 27:4, 28:13, 29:1, 29:11, 29:13, 33:19, 33:23, 38:25, 39:1, 39:3, 40:3, 44:15, 46:1, 51:16, 51:23, 53:25, 54:19, 65:13, 68:5, 135:21, 137:4</p> <p><b>health</b> [1] - 128:8</p> <p><b>healthcare</b> [4] - 126:10, 126:23, 128:2, 129:10</p> <p><b>hear</b> [1] - 30:3</p> <p><b>heard</b> [4] - 126:11, 156:6, 169:18, 174:5</p> <p><b>hearing</b> [4] - 105:14, 119:5, 122:4, 174:6</p> <p><b>hearings</b> [1] - 67:4</p> <p><b>height</b> [9] - 15:11, 35:12, 37:8, 37:9, 40:19, 42:3, 45:23,</p>	<p>160:15, 199:20</p> <p><b>heights</b> [8] - 23:3, 24:24, 35:11, 35:13, 40:3, 42:3, 44:12, 45:6</p> <p><b>held</b> [2] - 106:11, 107:14</p> <p><b>hello</b> [1] - 114:19</p> <p><b>help</b> [5] - 103:25, 114:1, 170:13, 176:20, 178:16</p> <p><b>Help</b> [1] - 151:2</p> <p><b>hesitant</b> [1] - 9:13</p> <p><b>hesitate</b> [1] - 91:21</p> <p><b>HESTER</b> [1] - 5:9</p> <p><b>high</b> [2] - 47:16, 167:8</p> <p><b>higher</b> [16] - 130:13, 131:16, 131:18, 131:20, 136:13, 136:18, 136:25, 140:12, 140:15, 164:22, 164:25, 174:24, 175:8, 176:22, 199:13</p> <p><b>highest</b> [3] - 89:17, 201:5</p> <p><b>highlight</b> [1] - 185:21</p> <p><b>highlighted</b> [1] - 191:5</p> <p><b>highly</b> [3] - 106:20, 112:16, 144:3</p> <p><b>hired</b> [1] - 71:20</p> <p><b>history</b> [1] - 79:17</p> <p><b>hit</b> [2] - 49:25, 132:5</p> <p><b>hold</b> [2] - 84:18, 106:11</p> <p><b>Home</b> [1] - 122:18</p> <p><b>Honor</b> [112] - 7:16, 8:1, 12:21, 18:5, 19:17, 19:24, 20:14, 25:8, 26:8, 27:24, 27:25, 29:16, 29:18, 29:23, 30:5, 30:8, 30:23, 30:25, 35:23, 35:24, 39:4, 39:6, 41:7, 41:9, 41:13, 42:25, 43:3, 46:23, 47:22, 47:25, 49:4, 51:3, 51:6, 52:24, 53:15, 54:2, 54:6, 54:17, 54:20, 54:23, 55:6, 56:10, 56:12, 57:3, 57:11, 58:4, 58:6, 60:12, 60:18, 61:1, 61:11, 61:13, 62:10, 62:12, 62:21, 63:12, 63:18, 64:10, 64:20, 65:3, 84:12, 89:24, 94:5, 94:9, 94:14, 101:7, 105:17, 106:5,</p>	<p>106:9, 107:3, 116:21, 129:1, 131:6, 131:9, 131:13, 131:25, 132:7, 132:13, 132:14, 133:8, 133:11, 135:7, 135:9, 137:7, 137:23, 137:24, 138:4, 138:9, 138:11, 138:18, 138:23, 142:11, 143:3, 150:17, 153:2, 153:5, 154:6, 171:2, 178:19, 180:8, 190:14, 190:17, 194:10, 194:20, 195:3, 201:22, 201:23, 202:4, 202:8, 202:13, 202:17, 203:1</p> <p><b>HONORABLE</b> [1] - 1:17</p> <p><b>Honorable</b> [1] - 7:1</p> <p><b>horizontally</b> [2] - 52:11, 55:17</p> <p><b>Hospital</b> [8] - 126:14, 126:19, 127:4, 127:5, 127:12, 127:18, 167:10, 167:12</p> <p><b>hospital</b> [3] - 127:22, 168:7, 186:6</p> <p><b>Hospitals</b> [3] - 167:5, 167:7, 167:21</p> <p><b>hospitals</b> [1] - 126:17</p> <p><b>hostile</b> [3] - 8:11, 8:22, 10:12</p> <p><b>hour</b> [2] - 64:24, 129:5</p> <p><b>hours</b> [1] - 183:21</p> <p><b>housekeeping</b> [1] - 26:8</p> <p><b>hub</b> [2] - 126:24, 128:2</p> <p><b>hubs</b> [1] - 126:10</p> <p><b>Hughes</b> [5] - 119:11, 120:16, 120:21, 121:24, 122:1</p> <p><b>hundred</b> [2] - 17:23, 125:4</p> <p><b>hundreds</b> [1] - 126:13</p> <p><b>hundredths</b> [1] - 101:5</p> <p><b>Huntington</b> [76] - 3:10, 4:1, 13:4, 25:22, 28:18, 29:24, 41:12, 48:4, 66:4, 66:8, 69:7, 72:23, 76:19, 79:24, 83:4,</p>
<b>G</b>				
<p><b>game</b> [1] - 202:11</p> <p><b>gamesmanship</b> [1] - 9:22</p> <p><b>gaps</b> [1] - 145:2</p> <p><b>Garrett</b> [1] - 116:8</p> <p><b>gears</b> [2] - 48:13, 153:9</p> <p><b>general</b> [5] - 65:11, 71:12, 73:7, 85:25, 128:17</p> <p><b>generally</b> [6] - 38:12, 108:2, 158:12, 158:25, 161:3, 198:12</p> <p><b>Generals</b> [2] - 184:20, 184:25</p> <p><b>generate</b> [2] - 93:16, 173:24</p> <p><b>generated</b> [1] - 156:6</p> <p><b>generic</b> [1] - 11:10</p> <p><b>geographic</b> [6] - 30:1, 30:11, 41:11, 58:7, 83:3, 126:19</p> <p><b>geographical</b> [2] - 192:1, 200:8</p> <p><b>geographically</b> [1] - 48:3</p> <p><b>geographies</b> [1] - 174:14</p> <p><b>geography</b> [4] - 47:20,</p>				
	<b>H</b>			
	<p><b>half</b> [15] - 15:2, 23:8, 50:13, 50:14, 50:24, 64:24, 66:11,</p>			

83:7, 92:22, 102:24, 124:9, 125:15, 125:25, 126:9, 126:14, 127:1, 127:4, 127:5, 127:7, 127:11, 127:18, 127:19, 128:8, 128:11, 128:14, 128:16, 128:18, 128:19, 129:19, 129:23, 130:8, 130:12, 131:18, 133:23, 148:9, 153:10, 153:13, 153:17, 161:6, 162:11, 162:14, 163:9, 163:15, 163:24, 164:8, 164:12, 164:17, 165:7, 166:2, 168:14, 169:2, 171:1, 171:25, 173:7, 174:2, 174:16, 176:6, 176:21, 177:10, 179:4, 180:23, 182:17, 185:6, 192:2, 192:4, 200:9, 204:6 <b>HUNTINGTON</b> [1] - 1:4 <b>Huntington's</b> [2] - 126:22, 127:3 <b>Huntington-Cabell</b> [2] - 124:9, 177:10 <b>Huntington/Cabell</b> [8] - 68:17, 72:11, 72:12, 173:20, 175:5, 175:14, 176:2, 185:24 <b>Hurley</b> [8] - 39:10, 39:14, 39:16, 39:22, 40:3, 40:11, 41:8, 200:1 <b>hydro</b> [13] - 14:25, 15:19, 16:14, 16:15, 16:25, 17:3, 17:13, 17:15, 21:24, 45:19, 46:11, 46:23, 49:17 <b>hydrocodone</b> [108] - 14:4, 15:3, 15:12, 15:14, 15:22, 16:2, 16:8, 17:9, 17:18, 21:10, 22:19, 22:22, 22:23, 23:1, 23:2, 23:6, 23:12, 23:15, 24:1, 24:6, 24:21, 24:23, 25:2, 26:23, 27:13, 29:7, 29:9, 29:14, 32:13, 32:15,	33:2, 33:10, 33:21, 33:23, 34:11, 34:16, 34:23, 35:4, 36:20, 36:22, 37:7, 37:18, 38:4, 38:6, 38:13, 38:24, 39:2, 39:3, 39:23, 40:2, 40:18, 40:20, 40:22, 40:24, 40:25, 41:22, 42:2, 42:4, 42:6, 42:8, 42:9, 44:2, 44:3, 44:23, 46:3, 46:5, 46:9, 52:19, 52:21, 53:22, 53:24, 55:21, 56:4, 56:19, 56:22, 57:1, 83:15, 87:24, 88:3, 104:3, 104:9, 104:11, 104:13, 108:5, 109:13, 110:7, 110:12, 146:25, 153:17, 154:17, 155:19, 164:25, 168:15, 170:1, 178:6, 178:12, 179:18, 180:23, 182:17, 188:8, 189:6, 189:7, 189:12, 190:23, 191:7, 192:10, 198:13  <b>I</b>  <b>idea</b> [2] - 94:3, 178:21 <b>identical</b> [1] - 144:11 <b>identified</b> [13] - 23:17, 24:20, 26:9, 26:23, 29:7, 33:7, 36:6, 37:14, 47:1, 95:25, 115:10, 124:20, 145:21 <b>identifies</b> [1] - 127:4 <b>identify</b> [17] - 16:3, 20:17, 21:23, 23:4, 26:2, 32:25, 36:8, 45:15, 45:19, 59:1, 105:2, 169:15, 182:23, 183:4, 183:8, 183:17, 194:15 <b>identifying</b> [1] - 28:22 <b>illustrate</b> [2] - 200:16, 201:12 <b>impact</b> [8] - 96:17, 98:21, 98:22, 99:12, 101:21, 102:13, 102:15, 124:19 <b>impacts</b> [1] - 30:17 <b>impeachment</b> [5] - 106:1, 106:6,	106:10, 106:14, 107:1 <b>implied</b> [2] - 71:8, 193:1 <b>import</b> [1] - 74:21 <b>important</b> [4] - 77:3, 96:4, 123:7, 170:23 <b>imposing</b> [1] - 8:21 <b>impressive</b> [1] - 177:21 <b>improper</b> [3] - 41:10, 47:21, 137:23 <b>IN</b> [2] - 1:1, 1:18 <b>inability</b> [1] - 149:20 <b>inapplicable</b> [1] - 26:12 <b>Inc</b> [3] - 36:5, 85:16, 117:13 <b>include</b> [15] - 67:2, 95:18, 98:2, 98:6, 98:11, 100:17, 105:24, 111:19, 111:23, 114:3, 125:3, 125:6, 164:9, 167:20, 167:21 <b>included</b> [15] - 19:5, 54:8, 54:9, 81:7, 92:7, 95:24, 100:23, 103:2, 117:20, 134:10, 153:25, 160:7, 169:10, 184:19, 186:19 <b>includes</b> [7] - 9:9, 18:13, 19:7, 165:8, 165:23, 166:15, 167:7 <b>including</b> [9] - 59:11, 60:15, 121:4, 126:5, 148:24, 167:9, 178:2, 184:24, 191:4 <b>inclusion</b> [1] - 101:20 <b>inclusive</b> [1] - 52:8 <b>inconsistency</b> [1] - 112:24 <b>inconsistent</b> [2] - 123:8, 123:10 <b>incorporates</b> [1] - 170:7 <b>incorrectly</b> [1] - 101:3 <b>increase</b> [7] - 28:15, 28:16, 59:1, 60:9, 90:10, 96:21, 136:5 <b>increased</b> [7] - 28:20, 60:4, 83:15, 136:19, 136:24, 139:12, 156:24 <b>increases</b> [4] - 47:12, 60:2, 156:25, 157:9 <b>increasing</b> [5] - 59:2, 59:7, 158:16,	159:11, 159:15 <b>increments</b> [4] - 34:1, 34:21, 42:12, 50:9 <b>independent</b> [2] - 144:23, 185:5 <b>indicated</b> [1] - 37:13 <b>indicating</b> [1] - 84:7 <b>individual</b> [8] - 59:11, 69:24, 157:4, 157:6, 161:6, 161:18, 170:2, 182:21 <b>individually</b> [2] - 14:14, 14:19 <b>individuals</b> [2] - 76:16, 125:24 <b>industry</b> [1] - 112:6 <b>inferences</b> [1] - 95:3 <b>influenced</b> [1] - 135:14 <b>information</b> [16] - 63:24, 70:8, 78:20, 79:15, 80:12, 82:25, 86:20, 91:7, 91:10, 91:19, 92:7, 112:17, 115:2, 126:23, 152:13, 164:21 <b>informative</b> [1] - 167:19 <b>inside</b> [2] - 162:14, 163:16 <b>insisted</b> [1] - 62:14 <b>instance</b> [6] - 50:2, 77:10, 101:2, 114:4, 136:10, 197:17 <b>instances</b> [1] - 100:21 <b>instant</b> [1] - 77:9 <b>instructions</b> [1] - 113:25 <b>intend</b> [6] - 8:7, 9:13, 61:18, 105:16, 105:25, 154:6 <b>intention</b> [2] - 49:22, 61:21 <b>intentional</b> [1] - 121:22 <b>interchangeable</b> [2] - 73:16, 73:24 <b>interchangeably</b> [1] - 101:24 <b>interest</b> [1] - 79:17 <b>interested</b> [6] - 79:14, 79:18, 79:19, 113:15, 184:24, 197:16 <b>interesting</b> [1] - 157:21 <b>internal</b> [5] - 72:10, 73:10, 73:14, 75:20, 78:17 <b>internally</b> [3] - 99:19,	123:8, 148:17 <b>interpret</b> [1] - 126:1 <b>interpretation</b> [4] - 67:13, 115:8, 198:15, 198:17 <b>interrupts</b> [1] - 201:25 <b>intertwined</b> [1] - 131:23 <b>intervene</b> [5] - 116:17, 118:20, 119:5, 120:15, 122:12 <b>Intervention</b> [1] - 117:8 <b>intervention</b> [1] - 119:16 <b>introduce</b> [1] - 19:25 <b>introduced</b> [1] - 61:5 <b>introducing</b> [2] - 60:25, 63:3 <b>intuition</b> [1] - 165:25 <b>inventory</b> [15] - 96:17, 96:19, 96:22, 97:11, 97:18, 98:22, 98:23, 99:3, 99:8, 99:13, 99:17, 99:22, 102:13, 102:16, 113:12 <b>investigate</b> [3] - 100:2, 108:15, 183:19 <b>investigated</b> [2] - 100:10, 156:20 <b>investments</b> [1] - 117:14 <b>investors</b> [1] - 117:12 <b>involve</b> [1] - 92:2 <b>involved</b> [4] - 67:10, 92:6, 119:13, 146:3 <b>involving</b> [1] - 147:8 <b>ire</b> [1] - 8:21 <b>Ironically</b> [1] - 119:21 <b>ironically</b> [1] - 119:22 <b>Irpino</b> [1] - 3:7 <b>ish</b> [1] - 35:20 <b>ISIA</b> [1] - 5:4 <b>isolates</b> [1] - 24:22 <b>isolation</b> [1] - 111:16 <b>issue</b> [19] - 26:9, 30:6, 30:16, 30:17, 30:19, 30:21, 48:8, 54:20, 60:19, 60:22, 121:8, 121:11, 139:14, 149:14, 149:15, 149:19, 170:16, 190:20, 191:15 <b>issued</b> [8] - 96:7, 116:16, 119:16, 122:11, 131:4, 132:22, 132:24, 133:1
---	---	---	---	--

<b>issues</b> [5] - 48:8, 60:21, 61:4, 61:19, 63:11 <b>IT</b> [1] - 148:16 <b>item</b> [8] - 108:8, 108:9, 108:22, 109:2, 109:5, 109:12, 167:5, 168:2 <b>items</b> [2] - 93:25, 134:22 <b>itself</b> [6] - 9:6, 70:1, 92:20, 116:17, 127:13, 148:14	<b>K</b> <b>KEARSE</b> [1] - 4:2 <b>Keegan</b> [6] - 116:8, 117:13, 117:22, 121:12, 121:14, 121:16 <b>Keegan's</b> [1] - 121:20 <b>keep</b> [5] - 83:23, 99:17, 129:2, 129:6, 148:8 <b>Keep</b> [2] - 85:9 <b>Keller</b> [7] - 130:19, 130:25, 131:4, 132:25, 137:18, 137:19, 138:5 <b>Keller's</b> [2] - 133:12, 137:8 <b>Kelly</b> [1] - 6:8 <b>Kentucky</b> [2] - 127:8, 127:21 <b>Kermit</b> [4] - 191:20, 191:22, 191:24, 192:5 <b>Kessler</b> [1] - 4:17 <b>kind</b> [10] - 12:17, 32:19, 47:8, 60:20, 95:1, 117:14, 149:2, 149:4, 149:22, 186:1 <b>knowing</b> [1] - 119:25 <b>knowingly</b> [3] - 118:2, 119:2, 122:9 <b>knowledge</b> [1] - 73:8 <b>knows</b> [4] - 85:25, 86:17, 86:22, 147:2 <b>KOUBA</b> [1] - 3:14	<b>larger</b> [2] - 136:6, 162:17 <b>last</b> [29] - 7:6, 7:16, 13:24, 24:18, 52:5, 66:11, 69:18, 71:22, 78:25, 95:9, 106:4, 129:17, 131:14, 138:3, 140:10, 152:1, 152:8, 152:20, 160:4, 160:6, 164:20, 165:16, 171:15, 172:6, 172:7, 174:9, 174:23, 183:20, 184:11 <b>lastly</b> [1] - 109:11 <b>late</b> [4] - 18:17, 41:2, 83:16, 103:24 <b>LAURA</b> [1] - 5:10 <b>Law</b> [3] - 3:4, 3:7, 3:12 <b>lawsuits</b> [1] - 163:1 <b>lawyer</b> [2] - 120:19 <b>lawyers</b> [6] - 66:18, 67:14, 78:22, 114:20, 197:14, 202:25 <b>lay</b> [1] - 9:8 <b>layout</b> [7] - 19:13, 24:14, 38:23, 53:21, 56:15, 57:15, 58:12 <b>leading</b> [2] - 10:15, 10:18 <b>learn</b> [1] - 166:12 <b>least</b> [18] - 13:5, 13:6, 75:7, 79:21, 81:3, 91:22, 111:15, 111:24, 116:2, 133:7, 136:18, 149:16, 164:7, 166:4, 191:5, 197:13, 199:5, 201:24 <b>Lee</b> [1] - 3:12 <b>left</b> [16] - 14:20, 32:24, 33:25, 34:19, 38:8, 41:1, 42:10, 48:15, 51:12, 52:13, 53:9, 93:24, 96:9, 142:12, 156:4, 199:13 <b>left-hand</b> [8] - 14:20, 32:24, 33:25, 34:19, 38:8, 41:1, 42:10, 51:12 <b>legal</b> [1] - 101:19 <b>legend</b> [5] - 18:24, 19:14, 24:17, 29:3, 46:21 <b>legitimately</b> [1] - 63:6 <b>leniency</b> [3] - 61:1, 62:13, 62:23	<b>Leon</b> [2] - 2:4, 2:16 <b>less</b> [7] - 15:5, 17:16, 24:9, 50:23, 70:12, 163:18, 199:1 <b>level</b> [12] - 69:23, 70:2, 118:24, 148:16, 149:21, 151:18, 158:10, 161:5, 161:10, 167:8, 169:25 <b>levels</b> [11] - 156:23, 157:14, 158:11, 158:16, 159:11, 159:20, 160:23, 161:6, 174:24 <b>Levin</b> [1] - 2:12 <b>LEYIMU</b> [1] - 4:8 <b>licensed</b> [4] - 69:3, 69:11, 182:25, 183:5 <b>licensing</b> [2] - 69:6, 69:8 <b>life</b> [1] - 88:18 <b>likely</b> [2] - 7:10, 115:23 <b>limit</b> [2] - 9:13, 164:11 <b>limitation</b> [1] - 148:8 <b>limited</b> [6] - 76:23, 95:1, 114:15, 130:24, 131:23 <b>Lincoln</b> [1] - 162:21 <b>LINDA</b> [1] - 4:5 <b>line</b> [14] - 38:2, 38:5, 40:21, 40:23, 42:5, 93:4, 106:24, 114:19, 151:14, 151:20, 164:18, 167:5, 168:2, 173:4 <b>lines</b> [8] - 23:9, 40:7, 90:15, 93:5, 93:10, 199:11, 199:12 <b>LinkedIn</b> [1] - 127:12 <b>liquid</b> [1] - 50:2 <b>Lisa</b> [2] - 6:18, 204:3 <b>list</b> [16] - 9:2, 13:6, 13:8, 26:1, 32:3, 67:2, 105:7, 105:9, 105:11, 105:15, 106:2, 106:7, 106:10, 106:17, 155:22, 167:8 <b>listed</b> [4] - 25:24, 26:3, 155:2, 193:14 <b>listened</b> [1] - 132:1 <b>listening</b> [3] - 123:2, 123:4, 123:9 <b>listing</b> [2] - 153:23, 153:25 <b>lists</b> [2] - 96:9, 105:24 <b>literally</b> [8] - 9:11, 11:5, 49:21, 67:17,	76:24, 77:14, 148:4, 171:15 <b>litigation</b> [9] - 66:15, 67:7, 72:5, 72:7, 76:8, 78:22, 135:13, 144:16, 162:25 <b>Litigation</b> [1] - 122:18 <b>living</b> [1] - 125:25 <b>LLC</b> [1] - 2:4 <b>locate</b> [1] - 104:4 <b>located</b> [3] - 127:19, 130:2, 161:13 <b>locations</b> [1] - 163:23 <b>lodged</b> [3] - 7:10, 7:23, 7:24 <b>Logan</b> [4] - 6:5, 6:12, 48:3, 162:21 <b>logical</b> [2] - 140:24, 141:1 <b>logically</b> [4] - 137:1, 140:11, 140:17, 140:18 <b>look</b> [43] - 53:15, 59:25, 83:11, 90:17, 98:17, 103:24, 104:17, 104:21, 105:18, 109:1, 109:8, 113:6, 123:15, 126:12, 126:21, 127:11, 139:21, 151:12, 153:25, 154:3, 154:14, 156:1, 160:4, 162:8, 164:17, 164:19, 172:21, 176:25, 178:8, 179:15, 185:19, 187:2, 187:8, 188:12, 189:6, 189:7, 191:14, 193:5, 193:17, 194:4, 200:1, 200:12, 201:15 <b>Look</b> [1] - 173:2 <b>looked</b> [20] - 15:23, 16:9, 18:22, 19:12, 24:22, 29:4, 69:17, 108:2, 115:6, 130:1, 137:21, 139:1, 150:12, 151:8, 153:18, 156:4, 164:20, 165:16, 190:25 <b>looking</b> [26] - 13:10, 14:6, 16:5, 27:11, 31:18, 37:25, 44:23, 60:4, 80:25, 103:12, 123:1, 130:3, 137:11, 148:9,
<b>J</b> <b>Jackson</b> [1] - 6:8 <b>James</b> [2] - 76:11, 114:14 <b>January</b> [6] - 42:14, 74:8, 74:16, 75:18, 142:2 <b>JASIEWICZ</b> [1] - 5:4 <b>JEFFREY</b> [1] - 5:13 <b>JENNIFER</b> [1] - 4:12 <b>job</b> [3] - 78:5, 78:12, 78:15 <b>Joe</b> [3] - 65:6, 76:14, 114:19 <b>join</b> [1] - 30:15 <b>JOSEPH</b> [1] - 6:4 <b>jousting</b> [1] - 101:9 <b>JR</b> [2] - 2:3, 2:15 <b>Juan</b> [2] - 2:5, 2:17 <b>judge</b> [15] - 11:17, 48:13, 118:19, 118:20, 118:22, 118:23, 118:25, 119:8, 119:11, 119:12, 119:13, 119:15, 120:16, 121:3, 121:12 <b>JUDGE</b> [1] - 1:17 <b>Judge</b> [16] - 7:2, 7:6, 10:3, 10:14, 11:2, 12:10, 48:6, 48:8, 48:18, 48:25, 51:13, 120:21, 121:24, 122:1, 159:6, 202:22 <b>judgment</b> [1] - 119:23 <b>judicial</b> [1] - 48:2 <b>July</b> [2] - 88:24, 90:9 <b>jump</b> [1] - 84:19 <b>June</b> [1] - 88:22 <b>jurisdiction</b> [2] - 78:13, 170:21 <b>jurisdictional</b> [1] - 119:2 <b>jurisdictions</b> [2] - 140:22, 170:21	<b>L</b> <b>LA</b> [1] - 3:8 <b>label</b> [1] - 107:19 <b>labeled</b> [3] - 75:12, 187:13, 187:14 <b>labelers</b> [1] - 64:2 <b>labs</b> [2] - 113:24, 114:5 <b>Lacey</b> [2] - 130:19, 130:25 <b>lack</b> [2] - 58:7, 60:15 <b>lag</b> [3] - 77:20, 77:21, 148:6 <b>laid</b> [3] - 52:22, 61:25, 81:16 <b>language</b> [2] - 121:24, 122:8 <b>Lanier</b> [1] - 3:4 <b>large</b> [3] - 28:19, 149:9, 192:23 <b>large-scale</b> [1] - 149:9 <b>largely</b> [1] - 143:11	<b>larger</b> [2] - 136:6, 162:17 <b>last</b> [29] - 7:6, 7:16, 13:24, 24:18, 52:5, 66:11, 69:18, 71:22, 78:25, 95:9, 106:4, 129:17, 131:14, 138:3, 140:10, 152:1, 152:8, 152:20, 160:4, 160:6, 164:20, 165:16, 171:15, 172:6, 172:7, 174:9, 174:23, 183:20, 184:11 <b>lastly</b> [1] - 109:11 <b>late</b> [4] - 18:17, 41:2, 83:16, 103:24 <b>LAURA</b> [1] - 5:10 <b>Law</b> [3] - 3:4, 3:7, 3:12 <b>lawsuits</b> [1] - 163:1 <b>lawyer</b> [2] - 120:19 <b>lawyers</b> [6] - 66:18, 67:14, 78:22, 114:20, 197:14, 202:25 <b>lay</b> [1] - 9:8 <b>layout</b> [7] - 19:13, 24:14, 38:23, 53:21, 56:15, 57:15, 58:12 <b>leading</b> [2] - 10:15, 10:18 <b>learn</b> [1] - 166:12 <b>least</b> [18] - 13:5, 13:6, 75:7, 79:21, 81:3, 91:22, 111:15, 111:24, 116:2, 133:7, 136:18, 149:16, 164:7, 166:4, 191:5, 197:13, 199:5, 201:24 <b>Lee</b> [1] - 3:12 <b>left</b> [16] - 14:20, 32:24, 33:25, 34:19, 38:8, 41:1, 42:10, 48:15, 51:12, 52:13, 53:9, 93:24, 96:9, 142:12, 156:4, 199:13 <b>left-hand</b> [8] - 14:20, 32:24, 33:25, 34:19, 38:8, 41:1, 42:10, 51:12 <b>legal</b> [1] - 101:19 <b>legend</b> [5] - 18:24, 19:14, 24:17, 29:3, 46:21 <b>legitimately</b> [1] - 63:6 <b>leniency</b> [3] - 61:1, 62:13, 62:23	<b>Leon</b> [2] - 2:4, 2:16 <b>less</b> [7] - 15:5, 17:16, 24:9, 50:23, 70:12, 163:18, 199:1 <b>level</b> [12] - 69:23, 70:2, 118:24, 148:16, 149:21, 151:18, 158:10, 161:5, 161:10, 167:8, 169:25 <b>levels</b> [11] - 156:23, 157:14, 158:11, 158:16, 159:11, 159:20, 160:23, 161:6, 174:24 <b>Levin</b> [1] - 2:12 <b>LEYIMU</b> [1] - 4:8 <b>licensed</b> [4] - 69:3, 69:11, 182:25, 183:5 <b>licensing</b> [2] - 69:6, 69:8 <b>life</b> [1] - 88:18 <b>likely</b> [2] - 7:10, 115:23 <b>limit</b> [2] - 9:13, 164:11 <b>limitation</b> [1] - 148:8 <b>limited</b> [6] - 76:23, 95:1, 114:15, 130:24, 131:23 <b>Lincoln</b> [1] - 162:21 <b>LINDA</b> [1] - 4:5 <b>line</b> [14] - 38:2, 38:5, 40:21, 40:23, 42:5, 93:4, 106:24, 114:19, 151:14, 151:20, 164:18, 167:5, 168:2, 173:4 <b>lines</b> [8] - 23:9, 40:7, 90:15, 93:5, 93:10, 199:11, 199:12 <b>LinkedIn</b> [1] - 127:12 <b>liquid</b> [1] - 50:2 <b>Lisa</b> [2] - 6:18, 204:3 <b>list</b> [16] - 9:2, 13:6, 13:8, 26:1, 32:3, 67:2, 105:7, 105:9, 105:11, 105:15, 106:2, 106:7, 106:10, 106:17, 155:22, 167:8 <b>listed</b> [4] - 25:24, 26:3, 155:2, 193:14 <b>listened</b> [1] - 132:1 <b>listening</b> [3] - 123:2, 123:4, 123:9 <b>listing</b> [2] - 153:23, 153:25 <b>lists</b> [2] - 96:9, 105:24 <b>literally</b> [8] - 9:11, 11:5, 49:21, 67:17,	76:24, 77:14, 148:4, 171:15 <b>litigation</b> [9] - 66:15, 67:7, 72:5, 72:7, 76:8, 78:22, 135:13, 144:16, 162:25 <b>Litigation</b> [1] - 122:18 <b>living</b> [1] - 125:25 <b>LLC</b> [1] - 2:4 <b>locate</b> [1] - 104:4 <b>located</b> [3] - 127:19, 130:2, 161:13 <b>locations</b> [1] - 163:23 <b>lodged</b> [3] - 7:10, 7:23, 7:24 <b>Logan</b> [4] - 6:5, 6:12, 48:3, 162:21 <b>logical</b> [2] - 140:24, 141:1 <b>logically</b> [4] - 137:1, 140:11, 140:17, 140:18 <b>look</b> [43] - 53:15, 59:25, 83:11, 90:17, 98:17, 103:24, 104:17, 104:21, 105:18, 109:1, 109:8, 113:6, 123:15, 126:12, 126:21, 127:11, 139:21, 151:12, 153:25, 154:3, 154:14, 156:1, 160:4, 162:8, 164:17, 164:19, 172:21, 176:25, 178:8, 179:15, 185:19, 187:2, 187:8, 188:12, 189:6, 189:7, 191:14, 193:5, 193:17, 194:4, 200:1, 200:12, 201:15 <b>Look</b> [1] - 173:2 <b>looked</b> [20] - 15:23, 16:9, 18:22, 19:12, 24:22, 29:4, 69:17, 108:2, 115:6, 130:1, 137:21, 139:1, 150:12, 151:8, 153:18, 156:4, 164:20, 165:16, 190:25 <b>looking</b> [26] - 13:10, 14:6, 16:5, 27:11, 31:18, 37:25, 44:23, 60:4, 80:25, 103:12, 123:1, 130:3, 137:11, 148:9,

<p>151:10, 164:5, 164:12, 164:24, 165:2, 178:21, 179:21, 180:12, 180:14, 189:17, 190:22, 193:8</p> <p><b>looks</b> [7] - 15:24, 42:22, 84:5, 89:7, 107:18, 108:16, 161:23</p> <p><b>lost</b> [1] - 55:10</p> <p><b>louder</b> [1] - 78:9</p> <p><b>low</b> [3] - 160:15, 201:10, 201:16</p> <p><b>lower</b> [18] - 103:21, 136:12, 164:18, 164:22, 165:1, 165:11, 165:13, 165:17, 166:18, 166:21, 176:22, 177:12, 177:14, 177:16, 177:17, 177:18, 177:19, 188:23</p> <p><b>lowering</b> [1] - 91:1</p> <p><b>lozenge</b> [1] - 50:6</p> <p><b>Luken</b> [4] - 85:16, 85:21, 86:11, 86:21</p> <p><b>Luken's</b> [1] - 85:21</p> <p><b>lunch</b> [3] - 84:19, 91:3, 114:19</p>	<p>107:3, 107:15, 116:21, 116:25, 117:2, 117:4, 119:19, 127:16, 127:17, 129:1, 129:6, 129:8, 131:9, 131:13, 132:7, 132:14, 132:18, 132:20, 132:22, 132:24, 133:1, 133:11, 133:16, 133:20, 133:21, 135:9, 135:19, 135:20, 137:7, 137:24, 138:7, 138:12, 138:18, 138:23, 138:25, 140:6, 142:11, 142:16, 142:24</p> <p><b>Mahady's</b> [3] - 20:10, 61:2, 157:17</p> <p><b>main</b> [1] - 161:11</p> <p><b>MAINIGI</b> [1] - 4:12</p> <p><b>maintain</b> [1] - 29:25</p> <p><b>MAJESTRO</b> [1] - 2:6</p> <p><b>Majestro</b> [1] - 2:6</p> <p><b>majority</b> [13] - 16:14, 17:18, 44:22, 102:2, 102:17, 189:18, 189:20, 189:23, 195:13, 195:15, 196:2, 197:3, 198:3</p> <p><b>manageable</b> [1] - 107:17</p> <p><b>manual</b> [4] - 112:4, 112:12, 114:1, 115:2</p> <p><b>manufacture</b> [1] - 151:16</p> <p><b>manufacturer</b> [3] - 102:4, 113:20, 196:21</p> <p><b>manufacturers</b> [5] - 67:23, 98:4, 102:18, 135:16, 151:23</p> <p><b>map</b> [5] - 83:6, 162:3, 162:6, 162:8, 162:10</p> <p><b>March</b> [9] - 70:13, 70:14, 70:16, 70:17, 71:6, 71:10, 141:9, 141:17, 184:4</p> <p><b>MARK</b> [1] - 3:16</p> <p><b>marked</b> [4] - 13:2, 20:16, 39:9, 193:5</p> <p><b>Marker</b> [2] - 26:5, 26:7</p> <p><b>marker</b> [1] - 61:3</p> <p><b>Markers</b> [1] - 26:6</p> <p><b>market</b> [7] - 123:17, 177:23, 178:8, 178:14, 179:1, 179:7</p> <p><b>marketing</b> [1] - 154:18</p>	<p><b>Mary's</b> [1] - 126:15</p> <p><b>Mason</b> [1] - 162:21</p> <p><b>match</b> [4] - 72:15, 144:24, 144:25, 145:23</p> <p><b>matched</b> [2] - 75:22, 113:9</p> <p><b>material</b> [5] - 89:3, 89:11, 111:14, 168:17, 169:6</p> <p><b>materials</b> [2] - 105:7, 106:18</p> <p><b>math</b> [8] - 75:25, 76:1, 76:3, 92:23, 94:2, 177:20, 181:14, 181:15</p> <p><b>matrix</b> [12] - 74:3, 74:5, 88:8, 88:12, 95:14, 103:24, 104:4, 104:12, 110:1, 124:15, 124:21, 141:3</p> <p><b>matter</b> [8] - 85:25, 97:25, 98:4, 134:8, 140:1, 140:4, 183:22, 204:5</p> <p><b>maximum</b> [2] - 90:18, 199:20</p> <p><b>MAY</b> [1] - 1:19</p> <p><b>MC-WV-1077</b> [1] - 150:20</p> <p><b>McCann</b> [175] - 7:5, 12:17, 12:22, 12:25, 13:3, 14:1, 14:12, 14:17, 14:23, 15:17, 16:13, 17:12, 17:21, 18:8, 18:19, 19:4, 19:21, 20:17, 21:8, 21:23, 22:12, 22:18, 23:4, 23:20, 24:19, 25:15, 25:20, 26:1, 26:21, 27:15, 28:5, 28:21, 29:5, 29:21, 31:2, 31:16, 31:24, 32:12, 32:25, 34:10, 35:6, 35:15, 36:4, 36:8, 36:18, 37:4, 37:16, 37:22, 38:7, 38:18, 39:9, 39:18, 39:22, 40:8, 40:13, 41:15, 41:24, 42:10, 43:7, 43:12, 43:20, 43:25, 44:7, 44:25, 45:1, 45:3, 45:18, 46:3, 46:15, 47:1, 49:2, 49:8, 49:17, 50:7, 51:10, 51:17, 52:6, 52:10, 53:1, 55:11, 55:13, 56:15, 57:13, 57:16, 58:11,</p>	<p>58:20, 60:9, 60:13, 60:19, 61:17, 61:23, 63:14, 63:17, 65:6, 65:17, 71:23, 80:9, 82:6, 83:25, 85:2, 85:12, 87:10, 88:21, 90:3, 90:9, 91:6, 94:15, 94:17, 96:1, 96:2, 96:6, 98:19, 100:4, 102:16, 102:21, 103:9, 103:11, 103:12, 103:18, 104:2, 104:21, 104:24, 105:16, 107:4, 107:8, 107:17, 107:20, 109:15, 110:25, 111:18, 112:3, 116:2, 116:7, 117:1, 117:5, 117:20, 118:6, 118:7, 118:9, 119:20, 119:22, 120:9, 120:25, 122:9, 122:16, 123:20, 123:23, 127:3, 129:9, 131:7, 131:13, 132:3, 132:6, 133:22, 137:19, 139:1, 140:10, 141:3, 142:21, 142:25, 143:8, 143:17, 150:20, 153:9, 154:12, 154:13, 171:9, 171:23, 172:2, 177:20, 181:6, 198:21, 202:16, 202:25</p> <p><b>McCann's</b> [9] - 54:8, 105:5, 105:7, 117:23, 123:6, 123:16, 132:1, 135:8, 171:4</p> <p><b>McCloud</b> [17] - 103:10, 103:25, 104:8, 104:9, 104:11, 104:13, 107:24, 108:13, 109:9, 109:23, 110:5, 110:8, 110:24, 111:6, 111:11, 112:22, 114:23</p> <p><b>MCCLURE</b> [1] - 6:3</p> <p><b>MCGINNESS</b> [1] - 4:2</p> <p><b>McKesson</b> [137] - 5:8, 21:14, 21:16, 21:17, 21:25, 22:6, 22:10, 22:16, 22:25, 23:5,</p>	<p>23:11, 23:25, 24:3, 24:15, 24:22, 24:23, 25:2, 32:16, 33:4, 33:11, 34:3, 34:11, 34:15, 34:23, 35:12, 37:9, 37:19, 38:1, 38:3, 38:8, 38:13, 40:14, 40:20, 40:22, 40:24, 41:2, 42:2, 42:6, 42:8, 42:9, 42:11, 44:8, 44:17, 44:19, 45:2, 45:8, 45:17, 45:21, 45:24, 46:4, 46:7, 46:10, 47:2, 47:9, 49:13, 49:15, 50:21, 51:4, 56:19, 56:22, 57:2, 57:14, 58:12, 58:15, 59:24, 65:13, 68:4, 69:14, 70:7, 92:18, 126:18, 129:14, 135:21, 137:4, 143:10, 143:12, 143:15, 143:20, 143:22, 143:24, 144:9, 145:3, 145:7, 145:10, 145:19, 145:25, 146:3, 146:7, 152:6, 153:11, 159:1, 159:10, 160:10, 167:25, 169:14, 170:11, 170:20, 176:12, 176:19, 177:2, 178:9, 180:13, 180:24, 182:10, 182:21, 182:24, 184:16, 185:5, 186:15, 189:19, 189:20, 189:23, 189:25, 190:2, 190:13, 192:24, 193:21, 193:24, 194:16, 194:19, 194:21, 195:12, 195:22, 195:25, 196:3, 196:19, 196:24, 197:17, 197:20, 198:1, 198:7, 198:11, 198:24, 200:14, 201:15</p> <p><b>McKesson's</b> [31] - 38:5, 40:18, 45:10, 46:20, 60:3, 158:24, 159:19, 160:8, 168:10, 168:13, 169:7, 176:14, 176:21, 177:3, 177:6, 177:9, 177:22, 179:6,</p>
<b>M</b>				
<p><b>Magazine</b> [1] - 3:7</p> <p><b>magnitude</b> [1] - 115:9</p> <p><b>magnitudes</b> [2] - 126:5, 126:6</p> <p><b>Mahady</b> [22] - 19:23, 30:22, 60:22, 61:12, 62:11, 62:13, 62:21, 64:19, 65:1, 65:6, 65:9, 84:6, 84:16, 94:12, 105:1, 105:14, 107:2, 107:12, 133:19, 137:17, 142:23, 143:13</p> <p><b>MAHADY</b> [70] - 6:4, 19:24, 20:6, 20:14, 30:23, 47:22, 55:6, 56:12, 58:6, 61:13, 64:20, 65:2, 65:5, 84:7, 84:11, 84:14, 84:17, 86:24, 89:22, 90:2, 90:5, 90:8, 94:5, 94:9, 94:14, 94:16, 105:3, 105:11, 105:15, 106:5, 106:15,</p>				

<p>179:7, 179:11, 180:1, 180:18, 181:1, 181:3, 181:7, 181:10, 182:2, 182:16, 182:18, 182:22, 183:2 <b>MDL</b> [1] - 184:19 <b>mean</b> [9] - 50:8, 54:13, 73:3, 77:14, 80:1, 106:22, 148:4, 201:24, 202:21 <b>meaning</b> [1] - 77:11 <b>meaningful</b> [3] - 101:21, 145:2, 188:16 <b>means</b> [5] - 50:12, 72:21, 74:21, 174:5, 196:18 <b>meant</b> [5] - 77:8, 77:15, 145:22, 149:16, 201:19 <b>measure</b> [1] - 126:7 <b>measurement</b> [1] - 137:13 <b>meat</b> [1] - 79:11 <b>mechanical</b> [1] - 6:19 <b>mechanism</b> [2] - 7:13, 80:6 <b>medical</b> [4] - 65:21, 65:25, 66:3, 132:2 <b>Medical</b> [6] - 141:15, 141:17, 141:22, 171:1, 171:24, 173:6 <b>medications</b> [1] - 174:25 <b>meet</b> [2] - 65:8, 65:9 <b>meeting</b> [1] - 114:19 <b>meetings</b> [1] - 130:23 <b>memory</b> [3] - 25:16, 125:16, 163:13 <b>mention</b> [4] - 171:5, 192:14, 193:21, 194:2 <b>mentioned</b> [1] - 198:7 <b>mere</b> [1] - 119:24 <b>merely</b> [1] - 119:23 <b>met</b> [1] - 130:22 <b>methodologies</b> [7] - 137:21, 170:7, 170:10, 170:25, 171:24, 173:6, 178:11 <b>methodology</b> [4] - 62:1, 116:3, 178:2, 178:10 <b>methods</b> [2] - 123:5, 170:2 <b>metric</b> [1] - 82:9 <b>Miami</b> [5] - 85:16, 85:21, 86:11, 86:21</p>	<p><b>Miami-Luken</b> [4] - 85:16, 85:21, 86:11, 86:21 <b>Miami-Luken's</b> [1] - 85:21 <b>MICHAEL</b> [2] - 2:15, 3:9 <b>middle</b> [2] - 43:14, 46:11 <b>midway-2017</b> [1] - 41:3 <b>might</b> [12] - 9:22, 9:25, 48:14, 63:3, 70:11, 81:22, 84:9, 93:5, 100:21, 154:14, 169:19, 201:21 <b>MILDRED</b> [1] - 3:3 <b>milligram</b> [4] - 19:1, 82:12, 82:13 <b>million</b> [48] - 9:6, 15:2, 15:5, 16:13, 16:24, 17:1, 17:6, 17:8, 17:14, 17:15, 17:16, 17:21, 24:8, 24:9, 24:10, 34:6, 35:1, 42:18, 42:21, 42:23, 50:10, 50:11, 59:7, 69:24, 70:4, 119:1, 121:5, 155:6, 155:15, 155:16, 168:11, 169:10, 169:13, 180:13, 180:21, 182:6, 184:7, 184:8, 184:13, 193:7, 193:9, 193:15 <b>mills</b> [1] - 183:18 <b>mind</b> [2] - 116:5, 181:16 <b>Mingo</b> [1] - 200:5 <b>minimis</b> [2] - 153:21, 155:18 <b>minimum</b> [1] - 69:5 <b>minority</b> [3] - 195:22, 197:18, 197:20 <b>minuses</b> [1] - 99:16 <b>minute</b> [4] - 48:16, 81:1, 185:16, 196:11 <b>minutes</b> [9] - 48:14, 64:24, 76:21, 114:8, 114:13, 142:18, 149:12, 179:22, 202:5 <b>miscellaneous</b> [1] - 49:5 <b>mischaracterizing</b> [2] - 189:3, 190:7 <b>misled</b> [1] - 117:13 <b>misrepresentation</b> [1] - 120:1</p>	<p><b>missing</b> [2] - 73:22, 124:25 <b>Mitchell</b> [1] - 2:12 <b>MME</b> [35] - 13:8, 13:19, 13:21, 13:23, 13:25, 14:10, 21:1, 21:4, 21:5, 21:6, 21:7, 21:15, 21:17, 26:2, 27:2, 27:3, 27:5, 27:8, 32:3, 32:10, 36:16, 39:20, 43:18, 64:3, 82:9, 82:11, 82:14, 82:18, 82:20, 101:5, 137:9, 137:10, 137:13, 154:18, 154:19 <b>MMEs</b> [8] - 13:16, 136:3, 136:6, 139:12, 155:5, 155:6, 192:23 <b>moment</b> [2] - 156:4, 187:12 <b>moments</b> [1] - 177:23 <b>money</b> [2] - 118:14, 119:5 <b>monitors</b> [1] - 151:15 <b>month</b> [37] - 25:3, 33:25, 34:2, 34:6, 38:9, 38:15, 40:5, 40:10, 40:12, 41:2, 41:4, 42:16, 42:23, 69:19, 70:13, 70:20, 70:21, 74:25, 77:16, 77:17, 77:20, 77:21, 79:15, 79:16, 103:18, 107:11, 109:23, 110:6, 110:15, 111:2, 111:13, 111:15, 111:16, 112:25, 115:10, 115:13, 115:19 <b>month's</b> [2] - 77:17, 115:11 <b>monthly</b> [17] - 15:12, 24:24, 34:22, 40:2, 40:19, 40:22, 42:4, 42:5, 42:8, 42:11, 42:13, 45:6, 70:6, 70:10, 70:11, 77:11, 77:12 <b>months</b> [9] - 35:19, 63:13, 89:18, 111:17, 148:5, 148:6, 152:1, 152:8, 152:20 <b>months'</b> [1] - 148:7 <b>Morgan</b> [7] - 116:8, 117:13, 117:21, 121:11, 121:14,</p>	<p>121:16, 121:20 <b>morning</b> [17] - 7:24, 8:13, 8:17, 10:25, 11:16, 12:8, 12:9, 12:19, 12:20, 12:21, 12:22, 12:23, 65:3, 112:15, 123:23, 158:16, 202:15 <b>Morphine</b> [1] - 82:12 <b>morphine</b> [1] - 82:13 <b>Morris</b> [1] - 6:15 <b>Mortgage</b> [1] - 122:18 <b>most</b> [16] - 7:10, 22:8, 46:5, 46:8, 67:6, 68:1, 72:20, 87:12, 96:4, 98:18, 111:24, 153:21, 153:23, 167:19, 168:18, 197:23 <b>Most</b> [3] - 143:12, 155:1, 157:20 <b>mostly</b> [1] - 46:14 <b>motion</b> [3] - 118:20, 120:13, 120:15 <b>Motley</b> [5] - 2:9, 3:14, 4:3, 4:5, 4:8 <b>Mougey</b> [23] - 19:24, 28:8, 30:24, 38:10, 48:1, 48:24, 51:8, 54:10, 61:17, 61:20, 62:18, 63:6, 75:16, 95:20, 132:12, 137:15, 138:12, 157:11, 158:16, 160:7, 171:12, 176:5, 197:23 <b>MOUGEY</b> [84] - 2:12, 12:21, 12:24, 18:5, 18:7, 19:17, 19:20, 20:3, 20:7, 20:10, 20:15, 25:8, 25:14, 26:8, 26:19, 26:20, 28:4, 29:16, 29:20, 30:4, 30:25, 31:1, 35:23, 36:3, 39:4, 39:8, 41:7, 41:14, 42:25, 43:6, 46:22, 46:24, 47:18, 48:5, 48:18, 48:21, 48:25, 49:1, 49:4, 49:7, 51:3, 51:9, 54:2, 54:11, 54:17, 55:9, 56:10, 56:14, 57:3, 57:11, 57:12, 58:4, 58:10, 60:12, 60:18, 61:10, 62:10, 62:20, 62:25, 63:7, 63:9, 84:6, 84:8, 86:16, 105:1, 105:9, 106:9, 107:12, 131:6,</p>	<p>131:25, 132:13, 133:7, 135:7, 137:16, 138:4, 138:9, 153:5, 171:2, 172:3, 172:5, 178:17, 190:14, 194:10, 201:23 <b>Mougey's</b> [2] - 157:18, 176:17 <b>move</b> [27] - 20:4, 20:7, 20:8, 25:8, 29:16, 35:23, 39:4, 41:7, 41:15, 42:25, 47:18, 48:11, 49:2, 51:3, 54:2, 56:10, 57:3, 58:4, 60:13, 97:1, 99:22, 108:17, 123:25, 138:3, 153:2, 154:7, 201:22 <b>Move</b> [1] - 195:2 <b>moved</b> [2] - 116:17, 117:22 <b>moves</b> [1] - 99:25 <b>moving</b> [1] - 19:25 <b>MR</b> [221] - 2:3, 2:6, 2:9, 2:12, 2:15, 3:9, 3:11, 3:16, 4:17, 5:4, 5:9, 5:10, 5:13, 6:4, 7:6, 7:16, 8:21, 10:3, 10:14, 10:22, 11:2, 11:7, 11:14, 11:17, 12:7, 12:10, 12:13, 12:15, 12:21, 12:24, 18:5, 18:7, 19:17, 19:20, 19:24, 20:3, 20:6, 20:7, 20:10, 20:14, 20:15, 25:8, 25:10, 25:14, 26:8, 26:19, 26:20, 28:4, 29:16, 29:20, 30:4, 30:15, 30:23, 30:25, 31:1, 35:23, 35:25, 36:3, 39:4, 39:8, 41:7, 41:13, 41:14, 42:25, 43:2, 43:6, 46:22, 46:24, 47:18, 47:20, 47:22, 47:25, 48:5, 48:18, 48:25, 49:1, 49:4, 49:7, 51:3, 51:6, 51:9, 54:2, 54:11, 54:17, 55:6, 55:9, 56:10, 56:12, 56:14, 57:3, 57:5, 57:11, 57:12, 58:4, 58:6, 58:10, 60:12, 60:15, 60:18, 61:10, 61:13, 62:10, 62:20, 62:25, 63:7, 63:9, 64:20, 65:2, 65:5, 84:6, 84:7,</p>
---	---	---	--	---



84:8, 84:11, 84:14, 84:17, 86:16, 86:24, 89:22, 90:2, 90:5, 90:8, 94:5, 94:9, 94:14, 94:16, 101:7, 105:1, 105:3, 105:9, 105:11, 105:15, 105:17, 105:20, 106:5, 106:9, 106:15, 107:3, 107:12, 107:15, 116:21, 116:25, 117:2, 117:4, 119:19, 127:16, 127:17, 129:1, 129:6, 129:8, 131:6, 131:9, 131:13, 131:25, 132:7, 132:13, 132:14, 132:18, 132:20, 132:22, 132:24, 133:1, 133:7, 133:11, 133:16, 133:20, 133:21, 135:7, 135:9, 135:19, 135:20, 137:7, 137:16, 137:24, 138:4, 138:7, 138:9, 138:12, 138:18, 138:23, 138:25, 140:6, 142:11, 142:16, 142:24, 143:3, 143:5, 143:7, 150:17, 150:19, 153:2, 153:5, 153:8, 154:6, 154:11, 171:2, 171:12, 171:19, 171:21, 172:3, 172:4, 172:5, 172:7, 172:9, 178:17, 178:18, 178:23, 178:24, 180:7, 180:11, 190:14, 190:17, 191:8, 194:10, 195:3, 195:4, 198:18, 198:22, 201:22, 201:23, 202:4, 202:22 <b>MS</b> [27] - 3:3, 3:6, 3:14, 4:2, 4:5, 4:8, 4:12, 4:12, 4:15, 5:3, 5:10, 6:3, 6:7, 6:14, 27:24, 29:18, 29:23, 30:9, 35:24, 39:6, 41:9, 54:6, 55:2, 202:8, 202:12, 202:17, 203:1 <b>Mt</b> [3] - 3:15, 4:4, 4:9 <b>multiple</b> [1] - 130:22	<b>multiplied</b> [1] - 50:11 <b>must</b> [3] - 105:24, 197:15, 197:16  <b>N</b>  <b>name</b> [5] - 65:6, 143:10, 172:25, 193:3, 193:4 <b>names</b> [1] - 126:16 <b>narrow</b> [3] - 30:11, 165:4, 166:21 <b>narrowed</b> [4] - 49:18, 113:14, 165:6, 193:10 <b>narrowing</b> [1] - 115:1 <b>nation</b> [5] - 59:6, 92:22, 131:21, 134:13, 175:13 <b>national</b> [17] - 38:2, 38:5, 39:2, 79:5, 124:8, 130:14, 131:16, 133:25, 147:8, 161:10, 173:18, 176:2, 176:6, 176:22, 177:14, 177:18 <b>nationally</b> [4] - 40:6, 40:25, 51:15, 175:5 <b>nationwide</b> [2] - 56:17, 93:21 <b>natural</b> [1] - 129:1 <b>nature</b> [1] - 104:19 <b>NDC</b> [5] - 64:1, 75:7, 75:13, 92:3, 146:7 <b>near</b> [1] - 185:22 <b>nearest</b> [2] - 186:3, 186:6 <b>nearly</b> [5] - 69:24, 78:14, 134:18, 144:24, 144:25 <b>need</b> [19] - 9:14, 9:17, 9:24, 10:1, 10:19, 11:24, 11:25, 12:4, 30:20, 61:5, 61:15, 62:6, 63:15, 65:25, 89:9, 106:12, 117:16, 155:10 <b>needed</b> [1] - 49:5 <b>needs</b> [2] - 7:13, 66:3 <b>negate</b> [1] - 112:20 <b>negative</b> [5] - 96:18, 98:22, 99:12, 108:19, 110:15 <b>negatives</b> [1] - 100:21 <b>net</b> [1] - 128:23 <b>never</b> [7] - 66:18, 71:1, 112:6, 112:7, 148:23, 165:24, 166:3	<b>new</b> [6] - 143:12, 151:13, 151:19, 152:5, 152:12, 182:9 <b>New</b> [4] - 3:5, 3:8, 122:13, 151:1 <b>newly</b> [1] - 151:22 <b>news</b> [2] - 79:5, 174:6 <b>next</b> [15] - 14:17, 20:21, 29:21, 31:24, 48:11, 85:8, 107:23, 109:1, 109:4, 118:18, 121:12, 152:11, 154:24, 186:11, 187:21 <b>nice</b> [1] - 65:8 <b>Nicholas</b> [3] - 7:15, 11:13, 12:6 <b>NICHOLAS</b> [6] - 6:11, 7:16, 10:22, 11:7, 11:14, 12:7 <b>night</b> [3] - 7:6, 7:17, 106:4 <b>Ninth</b> [1] - 4:6 <b>non</b> [5] - 10:15, 10:18, 127:5, 174:25, 180:18 <b>non-leading</b> [1] - 10:15 <b>non-opioids</b> [1] - 174:25 <b>non-party</b> [1] - 10:18 <b>non-profit</b> [1] - 127:5 <b>non-V.A</b> [1] - 180:18 <b>None</b> [2] - 189:1, 190:5 <b>none</b> [5] - 66:25, 67:9, 76:24, 76:25, 166:9 <b>noon</b> [4] - 64:21, 64:23, 64:25, 94:7 <b>north</b> [1] - 168:11 <b>not-for-profit</b> [1] - 127:18 <b>notch</b> [4] - 83:18, 139:5, 139:17, 139:18 <b>note</b> [3] - 20:1, 29:23, 133:11 <b>noted</b> [2] - 20:12, 112:1 <b>nothing</b> [4] - 8:8, 30:23, 167:6 <b>notice</b> [1] - 48:2 <b>noting</b> [1] - 55:4 <b>November</b> [2] - 110:12, 117:21 <b>Number</b> [2] - 53:21, 87:9 <b>number</b> [56] - 14:2, 14:22, 16:18, 17:22, 20:22, 20:23, 24:6,	25:1, 25:4, 31:10, 31:11, 31:12, 31:22, 34:22, 36:9, 36:13, 36:25, 37:4, 37:22, 38:14, 39:11, 43:16, 45:20, 50:17, 53:18, 62:14, 69:10, 74:11, 74:12, 74:18, 76:7, 84:15, 88:11, 93:25, 99:5, 99:6, 126:3, 129:25, 130:1, 130:5, 151:24, 152:7, 152:18, 153:20, 178:5, 179:16, 179:25, 180:20, 180:21, 182:3, 182:8, 192:23, 194:19, 194:21, 196:15 <b>numbers</b> [35] - 16:21, 26:9, 26:12, 26:14, 26:16, 27:12, 31:13, 31:19, 36:6, 41:16, 43:10, 53:11, 59:7, 69:18, 74:11, 74:22, 85:21, 93:23, 105:4, 157:8, 157:12, 165:11, 165:12, 165:13, 166:17, 166:21, 175:11, 176:5, 190:11, 190:12, 194:22, 197:23, 197:24, 198:16, 201:15 <b>numerator</b> [1] - 182:11 <b>NW</b> [6] - 2:10, 4:6, 4:13, 4:15, 5:5, 5:12 <b>NY</b> [1] - 3:5  <b>O</b>  <b>oath</b> [1] - 120:6 <b>object</b> [3] - 9:3, 30:20, 62:7 <b>objecting</b> [2] - 62:11, 62:21 <b>objection</b> [32] - 20:2, 25:10, 25:12, 27:25, 29:25, 30:2, 35:25, 41:11, 47:20, 47:22, 51:6, 54:6, 54:16, 56:12, 57:5, 57:6, 57:8, 58:6, 58:8, 101:4, 101:8, 105:18, 107:1, 131:6, 133:15, 135:7, 137:14, 153:4, 153:6, 171:20, 195:1, 202:20	<b>Objection</b> [2] - 86:16, 171:2 <b>objections</b> [20] - 7:11, 7:14, 7:23, 20:11, 20:12, 29:18, 30:5, 35:24, 36:2, 39:6, 41:9, 43:2, 43:4, 47:23, 55:6, 60:14, 60:15, 101:9 <b>obligations</b> [1] - 202:23 <b>obscure</b> [1] - 120:2 <b>obtained</b> [1] - 91:7 <b>obviously</b> [7] - 8:16, 9:25, 30:17, 51:20, 60:24, 86:12, 131:22 <b>occasions</b> [2] - 114:15, 130:23 <b>occupy</b> [1] - 184:5 <b>occur</b> [1] - 171:8 <b>occurring</b> [1] - 76:22 <b>October</b> [15] - 89:7, 89:12, 104:4, 104:11, 104:23, 108:5, 108:14, 108:21, 109:9, 109:11, 109:23, 110:6, 110:24, 111:7, 112:21 <b>OF</b> [2] - 1:1, 1:4 <b>offered</b> [3] - 129:17, 136:3, 149:3 <b>office</b> [3] - 149:18, 163:8, 172:24 <b>offices</b> [1] - 149:9 <b>Official</b> [2] - 204:2, 204:3 <b>offset</b> [2] - 100:13, 100:18 <b>offsets</b> [1] - 110:1 <b>offsetting</b> [1] - 115:14 <b>often</b> [1] - 144:22 <b>Ohio</b> [2] - 127:9, 127:22 <b>omit</b> [4] - 168:18, 168:21, 169:1, 194:17 <b>omitted</b> [4] - 194:4, 194:8, 194:11, 194:23 <b>on-line</b> [2] - 151:14, 151:20 <b>Once</b> [1] - 93:5 <b>once</b> [4] - 81:24, 81:25, 157:14, 171:5 <b>one</b> [99] - 15:2, 17:11, 17:12, 19:12, 20:21, 20:23, 24:18, 26:4, 26:6, 31:6, 31:7, 31:8, 31:9, 31:21,
--	--	---	--	---

<p>32:5, 32:21, 34:15, 34:25, 35:17, 35:20, 36:7, 41:17, 41:18, 43:11, 48:7, 48:8, 50:4, 50:13, 54:17, 58:11, 62:6, 62:9, 69:5, 72:4, 79:1, 81:9, 81:24, 84:7, 86:7, 86:13, 89:20, 91:22, 91:25, 93:4, 93:10, 99:4, 101:4, 103:21, 113:21, 115:10, 115:13, 116:5, 117:22, 120:6, 130:1, 133:12, 135:16, 138:3, 138:9, 138:10, 139:21, 149:23, 150:16, 155:25, 156:8, 158:3, 159:7, 165:3, 166:4, 169:8, 175:19, 178:19, 178:20, 179:13, 180:6, 180:22, 188:3, 188:12, 188:13, 189:20, 191:4, 191:10, 193:2, 194:14, 195:13, 195:17, 197:9, 201:8, 202:4, 202:17</p> <p><b>One</b> [3] - 5:11, 105:4, 166:15</p> <p><b>ones</b> [8] - 9:17, 64:15, 103:19, 148:24, 149:6, 155:7, 162:1, 187:22</p> <p><b>opened</b> [1] - 127:7</p> <p><b>opening</b> [4] - 89:21, 133:13, 156:7, 156:8</p> <p><b>opine</b> [1] - 132:6</p> <p><b>Opinion</b> [1] - 117:8</p> <p><b>opinion</b> [14] - 10:2, 104:17, 116:16, 117:8, 119:14, 119:16, 120:14, 121:6, 122:12, 122:20, 123:1, 123:21, 135:16, 160:2</p> <p><b>opinions</b> [12] - 64:15, 65:15, 113:2, 123:12, 129:17, 131:24, 132:8, 135:1, 135:8, 136:3, 197:11, 197:15</p> <p><b>opioid</b> [14] - 67:2, 67:6, 72:5, 77:24, 78:22, 100:4, 126:6,</p>	<p>128:12, 128:15, 133:24, 134:13, 139:24, 158:25, 184:9</p> <p><b>Opioid</b> [1] - 188:6</p> <p><b>Opioids</b> [1] - 151:2</p> <p><b>opioids</b> [21] - 49:15, 66:1, 66:7, 76:18, 81:14, 97:11, 99:16, 99:22, 114:6, 129:22, 136:16, 136:19, 139:12, 146:3, 153:12, 174:25, 184:2, 186:9, 196:19, 196:20</p> <p><b>opportunity</b> [3] - 60:24, 63:2, 137:19</p> <p><b>opposed</b> [1] - 37:14</p> <p><b>orange</b> [1] - 137:12</p> <p><b>order</b> [4] - 9:12, 120:9, 122:12, 171:3</p> <p><b>ordered</b> [3] - 194:11, 194:13, 194:21</p> <p><b>ordering</b> [1] - 156:21</p> <p><b>orders</b> [1] - 170:1</p> <p><b>organized</b> [2] - 32:1, 59:5</p> <p><b>orient</b> [1] - 180:12</p> <p><b>originally</b> [1] - 194:8</p> <p><b>Orleans</b> [1] - 3:8</p> <p><b>ought</b> [1] - 62:9</p> <p><b>output</b> [1] - 93:16</p> <p><b>outside</b> [18] - 28:5, 28:10, 29:24, 30:19, 35:21, 41:12, 44:16, 44:19, 79:19, 128:18, 128:20, 132:2, 132:5, 135:7, 162:11, 163:15, 163:23, 183:23</p> <p><b>over-supply</b> [1] - 66:11</p> <p><b>Over-Supplying</b> [1] - 151:2</p> <p><b>overall</b> [6] - 99:8, 115:11, 115:12, 175:4, 184:1, 186:8</p> <p><b>overlaid</b> [5] - 33:20, 33:21, 34:17, 38:25, 40:4</p> <p><b>overlap</b> [1] - 78:16</p> <p><b>override</b> [1] - 107:1</p> <p><b>overruled</b> [1] - 135:11</p> <p><b>Overruled</b> [3] - 86:17, 171:17, 190:18</p> <p><b>overseeing</b> [1] - 68:16</p> <p><b>overstatement</b> [1] - 110:23</p> <p><b>overwhelming</b> [2] -</p>	<p>16:14, 17:18</p> <p><b>overwhelms</b> [1] - 78:8</p> <p><b>own</b> [5] - 11:19, 11:20, 102:19, 119:5, 168:20</p> <p><b>oxy</b> [19] - 14:3, 14:25, 15:19, 15:20, 16:13, 16:14, 16:25, 17:2, 17:13, 17:14, 17:18, 21:24, 45:19, 46:23, 46:25, 49:17, 53:5, 59:14</p> <p><b>Oxycodone</b> [2] - 51:18, 188:8</p> <p><b>oxycodone</b> [80] - 15:15, 15:20, 16:1, 16:4, 16:8, 17:9, 18:12, 18:21, 19:3, 19:6, 19:13, 21:10, 22:5, 22:8, 22:9, 22:20, 23:20, 24:7, 24:15, 26:23, 27:13, 27:18, 27:20, 28:7, 28:17, 28:23, 28:25, 35:9, 35:16, 36:20, 36:21, 41:22, 45:3, 45:16, 45:24, 46:16, 47:4, 47:9, 51:15, 51:22, 52:3, 52:18, 57:21, 57:24, 58:2, 58:12, 58:15, 58:17, 59:23, 60:4, 74:9, 74:15, 83:15, 87:20, 88:16, 88:21, 89:5, 90:11, 90:23, 99:1, 99:11, 141:12, 141:16, 141:22, 142:1, 146:25, 153:17, 154:15, 154:17, 155:18, 168:14, 170:1, 178:6, 178:11, 179:18, 180:23, 182:16, 190:23, 191:7, 192:10</p>	<p><b>P-44754</b> [1] - 103:11</p> <p><b>P-44758</b> [2] - 85:2, 85:7</p> <p><b>P-44759</b> [1] - 194:7</p> <p><b>p.m</b> [3] - 106:2, 142:20, 203:4</p> <p><b>P.O</b> [2] - 5:14, 6:8</p> <p><b>PA</b> [3] - 6:6, 6:13, 6:15</p> <p><b>packet</b> [17] - 25:18, 31:5, 31:17, 35:7, 103:10, 185:11, 186:18, 186:19, 186:24, 187:2, 187:4, 187:13, 188:2, 191:17, 193:11, 200:13, 200:17</p> <p><b>packets</b> [3] - 13:1, 14:1, 31:25</p> <p><b>page</b> [59] - 14:17, 18:19, 20:5, 20:19, 20:21, 22:1, 24:18, 25:24, 26:9, 26:12, 26:14, 26:16, 27:17, 30:8, 31:9, 31:14, 31:18, 35:8, 37:6, 39:13, 42:1, 43:13, 46:17, 47:5, 52:18, 53:11, 55:3, 58:18, 64:2, 85:4, 85:8, 105:3, 107:23, 118:18, 127:12, 130:3, 141:6, 141:25, 153:23, 154:24, 155:4, 172:15, 172:25, 175:19, 179:13, 185:19, 185:20, 185:23, 186:11, 187:18, 187:21, 189:16, 192:9, 193:1, 193:5, 193:8, 194:18, 199:9, 201:4</p> <p><b>Page</b> [122] - 13:9, 13:17, 14:2, 14:12, 15:7, 15:9, 15:18, 15:22, 16:5, 18:8, 18:11, 18:20, 19:4, 19:22, 20:22, 20:23, 21:8, 21:23, 22:3, 22:18, 23:4, 23:19, 24:11, 24:13, 24:19, 24:20, 25:20, 26:1, 26:4, 26:6, 26:7, 26:24, 27:15, 28:22, 29:6, 29:7, 31:17, 31:19, 32:2, 32:12, 32:14, 33:14, 33:15, 34:14, 35:6, 36:9, 36:10, 36:19, 37:4,</p>	<p>37:13, 37:22, 37:24, 38:22, 39:22, 40:1, 40:14, 40:17, 41:24, 43:13, 43:21, 43:25, 44:1, 44:23, 45:5, 45:9, 45:15, 45:18, 46:15, 47:1, 47:3, 49:11, 51:13, 52:6, 53:21, 55:13, 56:24, 85:10, 87:8, 103:12, 105:21, 117:3, 118:6, 118:7, 123:1, 123:15, 147:7, 147:16, 147:22, 154:5, 156:3, 156:10, 158:14, 160:14, 162:8, 164:4, 167:23, 173:2, 175:23, 176:25, 178:15, 179:20, 180:15, 186:11, 187:3, 189:18, 193:17, 193:20, 193:24, 196:23, 197:20, 198:6, 199:9, 199:10, 200:12, 200:13, 200:17, 200:21, 200:22</p> <p><b>pages</b> [12] - 22:2, 31:16, 54:13, 147:6, 179:13, 186:19, 187:16, 187:23, 193:10, 193:12, 194:12, 199:8</p> <p><b>Pages</b> [5] - 147:15, 187:13, 187:15, 187:23, 194:7</p> <p><b>paid</b> [1] - 148:24</p> <p><b>pain</b> [2] - 175:8, 175:13</p> <p><b>panel</b> [1] - 14:6</p> <p><b>Papantonio</b> [1] - 2:12</p> <p><b>papers</b> [1] - 84:10</p> <p><b>Paragraph</b> [1] - 105:18</p> <p><b>paragraph</b> [8] - 105:22, 105:23, 119:20, 119:21, 123:2, 150:25, 151:13, 152:11</p> <p><b>parameters</b> [1] - 146:20</p> <p><b>Park</b> [3] - 141:15, 141:17, 141:22</p> <p><b>part</b> [14] - 62:9, 110:16, 122:5, 134:22, 135:13, 144:8, 152:13, 154:7, 162:14,</p>
--	---	---	--	--

<p>171:11, 179:4, 184:5, 188:2, 200:12 <b>partially</b> [1] - 162:24 <b>particular</b> [10] - 27:17, 54:7, 55:4, 55:22, 81:8, 151:25, 152:7, 152:19, 190:22, 190:24 <b>particularly</b> [1] - 68:19 <b>parties</b> [9] - 35:17, 35:20, 35:21, 105:24, 135:15, 171:2, 171:11, 184:21, 184:24 <b>parties'</b> [2] - 61:25, 105:21 <b>parts</b> [5] - 164:9, 174:2, 174:7, 174:16, 175:8 <b>party</b> [9] - 8:23, 10:15, 10:17, 10:18, 10:20, 35:21, 118:14, 120:18, 122:3 <b>pass</b> [6] - 61:1, 61:7, 63:1, 142:13, 154:8 <b>past</b> [3] - 144:16, 158:5, 174:6 <b>patience</b> [1] - 48:12 <b>patient</b> [1] - 192:4 <b>patients</b> [4] - 127:7, 127:20, 140:21, 140:23 <b>pattern</b> [5] - 59:10, 199:12, 201:11, 201:16 <b>PAUL</b> [2] - 2:3, 5:9 <b>Paul</b> [1] - 143:10 <b>Pause</b> [1] - 142:22 <b>PDMP</b> [1] - 140:19 <b>peak</b> [5] - 83:16, 87:22, 87:24, 139:3, 139:12 <b>peaked</b> [2] - 134:25, 135:1 <b>peaking</b> [3] - 59:8, 60:7, 134:17 <b>PEARL</b> [1] - 3:6 <b>pending</b> [1] - 163:1 <b>Pensacola</b> [1] - 2:14 <b>people</b> [8] - 76:8, 114:8, 114:11, 128:7, 128:17, 128:19, 148:17, 148:24 <b>per</b> [48] - 16:17, 16:21, 16:25, 17:5, 17:9, 17:22, 17:25, 25:3, 33:25, 34:2, 34:5, 34:6, 38:9, 38:15, 38:16, 40:9, 41:2,</p>	<p>41:4, 42:16, 42:19, 42:20, 42:23, 84:1, 92:7, 125:8, 126:5, 126:6, 129:18, 130:6, 130:11, 131:15, 133:22, 134:13, 140:15, 173:17, 173:18, 174:15, 175:3, 175:11, 175:20, 175:24, 176:11, 176:14, 176:21, 177:3, 177:6, 177:9 <b>percent</b> [28] - 60:11, 63:23, 64:5, 72:18, 78:15, 98:7, 115:12, 125:4, 155:1, 155:25, 160:17, 160:20, 160:21, 163:18, 168:13, 169:2, 177:17, 177:19, 181:18, 182:12, 182:14, 182:19, 188:22, 189:13, 189:15, 199:1 <b>percentage</b> [14] - 28:14, 28:16, 53:16, 60:10, 96:13, 110:19, 157:9, 160:16, 181:2, 181:8, 181:16, 181:17, 182:9 <b>percentages</b> [1] - 59:1 <b>perfect</b> [5] - 78:5, 78:12, 78:15, 144:24, 144:25 <b>perfectly</b> [1] - 72:15 <b>perform</b> [3] - 170:25, 171:23, 173:5 <b>performed</b> [2] - 83:25, 92:23 <b>perhaps</b> [6] - 10:3, 70:10, 81:4, 102:19, 115:10, 149:12 <b>period</b> [55] - 14:4, 16:4, 18:13, 19:7, 19:9, 23:23, 24:2, 25:7, 27:21, 29:10, 39:18, 39:19, 41:21, 42:21, 42:24, 43:20, 43:23, 44:4, 44:5, 45:9, 45:12, 45:22, 46:4, 49:15, 50:21, 51:16, 52:25, 53:6, 53:8, 54:4, 57:1, 57:24, 58:2, 58:15, 59:16, 63:21, 70:11, 71:4, 72:23, 83:8, 85:17, 87:18, 88:17,</p>	<p>103:25, 115:22, 137:13, 153:18, 156:24, 158:23, 161:8, 161:16, 161:19, 165:6, 199:5 <b>periods</b> [6] - 16:7, 22:11, 22:14, 40:8, 63:22, 81:5 <b>permission</b> [2] - 106:7, 137:7 <b>permit</b> [1] - 133:18 <b>person</b> [1] - 96:4 <b>personally</b> [1] - 128:17 <b>perspective</b> [3] - 100:22, 101:17, 175:16 <b>persuasive</b> [1] - 123:6 <b>PETER</b> [1] - 2:12 <b>petition</b> [1] - 120:16 <b>Pharmaceuticals</b> [1] - 188:18 <b>Pharmacies</b> [16] - 13:4, 13:8, 14:21, 14:22, 15:1, 15:13, 16:2, 17:3, 18:13, 18:18, 19:7, 19:22, 24:5, 24:15, 24:24, 141:25 <b>pharmacies</b> [74] - 14:3, 14:7, 15:4, 16:18, 17:4, 17:7, 20:18, 21:2, 21:12, 21:14, 22:6, 26:3, 26:25, 27:3, 27:19, 28:25, 30:19, 31:2, 31:4, 32:4, 33:23, 34:17, 38:4, 38:6, 39:3, 40:6, 40:22, 40:24, 41:19, 42:7, 42:9, 68:17, 68:21, 68:23, 69:6, 69:15, 93:7, 102:23, 124:20, 128:15, 145:11, 145:15, 145:16, 154:24, 157:6, 161:6, 161:13, 161:15, 161:23, 165:21, 165:23, 166:2, 166:22, 167:4, 167:13, 167:14, 167:21, 169:12, 169:16, 170:20, 177:5, 177:7, 177:11, 182:22, 184:15, 185:23, 190:24, 194:15, 194:20, 196:6, 196:9, 196:12,</p>	<p>196:15, 198:2 <b>pharmacies'</b> [1] - 161:18 <b>pharmacist</b> [2] - 65:23, 132:2 <b>pharmacy</b> [57] - 12:25, 14:1, 20:1, 24:18, 29:24, 31:17, 31:24, 36:21, 38:2, 38:24, 39:1, 40:19, 40:21, 42:3, 42:5, 68:19, 69:2, 86:1, 86:3, 86:8, 92:21, 93:3, 93:12, 99:10, 99:11, 100:6, 102:10, 103:9, 112:25, 115:19, 115:21, 115:22, 145:6, 145:17, 145:20, 145:21, 145:23, 149:25, 150:3, 161:5, 161:10, 182:24, 183:5, 183:17, 185:5, 185:12, 190:24, 191:1, 191:7, 192:5, 192:12, 192:15, 192:25, 196:2, 199:6, 200:9 <b>Pharmacy</b> [65] - 13:3, 13:11, 13:12, 13:13, 13:18, 14:14, 25:17, 29:22, 31:5, 31:20, 32:5, 32:6, 32:8, 32:16, 33:3, 33:11, 33:21, 34:4, 34:16, 34:23, 35:7, 35:10, 35:16, 36:5, 36:9, 36:13, 36:25, 37:8, 38:14, 39:10, 74:8, 74:16, 85:2, 85:17, 88:17, 88:22, 89:5, 103:10, 103:25, 104:10, 104:13, 107:24, 108:13, 109:9, 109:24, 110:5, 110:8, 110:24, 111:6, 111:11, 112:23, 114:23, 141:16, 141:17, 141:22, 166:7, 166:10, 166:12, 183:6, 184:18, 185:3, 188:3, 191:18 <b>pharmacy's</b> [1] - 100:22 <b>phase</b> [4] - 61:18, 62:6, 62:7, 171:4 <b>Phase</b> [1] - 61:25</p>	<p><b>Philadelphia</b> [2] - 6:6, 6:13 <b>phrase</b> [3] - 61:2, 77:7, 138:21 <b>physical</b> [1] - 163:23 <b>picked</b> [3] - 23:14, 198:7, 198:11 <b>picks</b> [1] - 19:9 <b>picture</b> [3] - 86:7, 86:10, 86:14 <b>piece</b> [1] - 93:1 <b>Pierce</b> [1] - 89:22 <b>PIFKO</b> [1] - 3:16 <b>pill</b> [5] - 50:5, 72:21, 75:9, 166:4, 183:18 <b>pills</b> [10] - 17:5, 19:3, 29:2, 75:15, 75:17, 114:2, 136:11, 136:12, 136:13, 183:8 <b>pin</b> [1] - 61:2 <b>pink</b> [2] - 19:16, 136:10 <b>pins</b> [1] - 30:4 <b>pivot</b> [1] - 94:17 <b>place</b> [4] - 55:10, 91:25, 180:21, 202:3 <b>places</b> [1] - 173:24 <b>plaintiff</b> [2] - 66:17, 127:2 <b>Plaintiff</b> [6] - 1:5, 1:11, 2:2, 3:2, 4:1, 22:3 <b>plaintiffs</b> [25] - 7:17, 20:7, 25:8, 29:16, 39:4, 41:7, 42:25, 47:18, 51:3, 54:2, 56:10, 57:3, 58:4, 61:15, 62:2, 89:21, 103:16, 106:23, 122:24, 131:1, 131:5, 133:12, 140:7, 148:24, 158:4 <b>Plaintiffs</b> [3] - 35:23, 60:13, 204:6 <b>plaintiffs'</b> [5] - 67:14, 76:12, 78:22, 114:20, 130:19 <b>Plaintiffs'</b> [21] - 13:2, 15:9, 18:8, 20:16, 21:8, 23:19, 24:20, 25:15, 25:20, 27:16, 29:21, 33:15, 36:6, 36:19, 37:4, 39:10, 41:15, 43:7, 45:5, 49:2, 84:3 <b>plan</b> [1] - 7:12 <b>plea</b> [2] - 64:23, 94:7 <b>Pleasant</b> [3] - 3:15, 4:4, 4:9 <b>pleasure</b> [1] - 64:12</p>
---	---	--	---	--



<p><b>plot</b> [1] - 201:7</p> <p><b>plotted</b> [1] - 201:12</p> <p><b>plow</b> [1] - 63:15</p> <p><b>plus</b> [2] - 44:4, 96:21</p> <p><b>Plus</b> [3] - 166:7, 166:10, 166:12</p> <p><b>pluses</b> [1] - 99:16</p> <p><b>PMP</b> [1] - 140:19</p> <p><b>point</b> [33] - 11:17, 13:7, 26:13, 41:18, 48:17, 61:13, 62:15, 63:9, 63:10, 63:15, 77:3, 81:9, 85:17, 86:13, 89:14, 94:6, 107:13, 120:24, 121:17, 129:2, 151:16, 151:17, 152:24, 155:3, 157:14, 163:7, 166:15, 170:14, 170:23, 171:8, 190:10, 192:11, 192:22</p> <p><b>pointed</b> [3] - 32:18, 61:11, 190:5</p> <p><b>policy</b> [4] - 79:17, 79:18, 112:9, 112:11</p> <p><b>Polster</b> [1] - 48:9</p> <p><b>Ponc</b> [1] - 2:4</p> <p><b>Ponce</b> [1] - 2:16</p> <p><b>poorly</b> [1] - 123:12</p> <p><b>populated</b> [1] - 50:3</p> <p><b>population</b> [11] - 16:24, 17:23, 92:10, 125:9, 125:13, 125:20, 126:4, 126:7, 128:5, 128:6</p> <p><b>portion</b> [4] - 41:11, 189:25, 190:2, 198:3</p> <p><b>portions</b> [1] - 55:4</p> <p><b>posed</b> [1] - 132:11</p> <p><b>position</b> [1] - 62:17</p> <p><b>positive</b> [1] - 102:15</p> <p><b>possession</b> [2] - 71:18, 71:22</p> <p><b>possible</b> [1] - 125:23</p> <p><b>possibly</b> [1] - 11:1</p> <p><b>post-2018</b> [1] - 23:14</p> <p><b>poster</b> [1] - 178:13</p> <p><b>posting</b> [1] - 151:1</p> <p><b>Powell</b> [1] - 2:6</p> <p><b>powerful</b> [1] - 136:16</p> <p><b>PR</b> [2] - 2:5, 2:17</p> <p><b>practice</b> [2] - 66:14, 70:22</p> <p><b>practiced</b> [1] - 112:6</p> <p><b>practitioner</b> [1] - 182:25</p> <p><b>pre</b> [1] - 9:2</p> <p><b>pre-disclosed</b> [1] - 9:2</p>	<p><b>preceding</b> [1] - 14:12</p> <p><b>precise</b> [1] - 170:24</p> <p><b>precisely</b> [3] - 74:11, 120:12, 201:18</p> <p><b>predominant</b> [1] - 44:16</p> <p><b>prefix</b> [1] - 162:18</p> <p><b>preliminary</b> [1] - 61:4</p> <p><b>prepare</b> [1] - 146:24</p> <p><b>prepared</b> [4] - 74:5, 82:7, 87:9, 191:17</p> <p><b>preparing</b> [1] - 109:16</p> <p><b>prescribed</b> [3] - 133:25, 134:15, 134:18</p> <p><b>prescribing</b> [14] - 131:22, 134:4, 134:13, 134:24, 135:5, 138:1, 139:11, 139:14, 139:18, 139:20, 140:14, 140:15, 156:14, 156:19</p> <p><b>prescription</b> [10] - 65:25, 66:6, 134:9, 146:3, 174:24, 175:4, 183:10, 192:6, 196:18, 196:20</p> <p><b>prescriptions</b> [22] - 128:12, 128:15, 128:21, 129:10, 129:15, 134:6, 134:8, 135:22, 135:25, 136:5, 136:6, 136:16, 136:21, 136:23, 136:24, 136:25, 137:3, 137:9, 140:21, 183:14, 186:9</p> <p><b>presence</b> [1] - 118:15</p> <p><b>present</b> [5] - 139:23, 155:19, 162:6, 165:14, 189:8</p> <p><b>presentation</b> [3] - 41:12, 133:13, 194:9</p> <p><b>presented</b> [10] - 91:23, 121:12, 134:3, 134:10, 134:21, 167:11, 167:25, 187:3, 193:12, 194:24</p> <p><b>presenting</b> [1] - 198:14</p> <p><b>preserved</b> [6] - 25:11, 25:12, 30:3, 30:16, 30:18, 43:4</p> <p><b>preserving</b> [1] - 27:24</p> <p><b>press</b> [4] - 48:17, 64:25, 151:10, 151:11</p> <p><b>presume</b> [1] - 11:3</p> <p><b>pretty</b> [11] - 43:14, 67:14, 80:23, 83:20, 94:6, 124:2, 137:24, 148:19, 157:12, 163:12, 168:17</p> <p><b>prevalent</b> [1] - 136:14</p> <p><b>previous</b> [12] - 14:1, 14:23, 15:13, 24:4, 24:22, 29:4, 33:20, 34:15, 55:19, 77:17, 134:20, 145:14</p> <p><b>previously</b> [3] - 25:13, 32:4, 57:10</p> <p><b>primarily</b> [8] - 29:10, 29:11, 33:4, 64:5, 66:14, 97:15, 113:17, 114:16</p> <p><b>primary</b> [5] - 23:5, 29:14, 68:13, 68:22, 68:25</p> <p><b>printout</b> [3] - 107:18, 178:15, 178:16</p> <p><b>problem</b> [1] - 138:13</p> <p><b>proceed</b> [3] - 15:7, 106:8, 143:3</p> <p><b>proceeding</b> [1] - 12:25</p> <p><b>proceedings</b> [2] - 119:9, 204:5</p> <p><b>Proceedings</b> [3] - 6:19, 48:23, 142:20</p> <p><b>PROCEEDINGS</b> [1] - 7:1</p> <p><b>process</b> [4] - 70:20, 91:6, 94:21, 115:1</p> <p><b>processed</b> [1] - 104:22</p> <p><b>processing</b> [1] - 94:23</p> <p><b>Proctor</b> [1] - 2:12</p> <p><b>produce</b> [2] - 148:6, 160:2</p> <p><b>produced</b> [18] - 6:19, 18:16, 19:8, 28:11, 28:13, 54:21, 72:2, 72:5, 72:6, 73:9, 73:11, 73:21, 75:22, 82:15, 96:10, 148:6, 159:25, 200:20</p> <p><b>producing</b> [1] - 149:12</p> <p><b>product</b> [5] - 90:19, 100:17, 102:9, 102:14, 115:15</p> <p><b>products</b> [2] - 90:11, 126:14</p> <p><b>professional</b> [1] - 132:2</p> <p><b>profit</b> [2] - 127:5, 127:18</p> <p><b>progressed</b> [2] - 136:7, 136:17</p> <p><b>progressively</b> [1] - 136:6</p> <p><b>project</b> [3] - 183:23, 183:25, 184:9</p> <p><b>prolong</b> [2] - 11:8</p> <p><b>prominent</b> [2] - 18:25, 104:7</p> <p><b>proportion</b> [1] - 27:12</p> <p><b>proportional</b> [1] - 60:2</p> <p><b>prospective</b> [3] - 151:25, 152:8, 152:19</p> <p><b>prove</b> [1] - 10:8</p> <p><b>provide</b> [5] - 8:14, 87:5, 137:22, 150:7, 152:12</p> <p><b>provided</b> [8] - 54:19, 78:16, 79:9, 85:20, 107:18, 145:3, 148:1, 187:8</p> <p><b>public</b> [8] - 79:17, 79:18, 80:15, 81:10, 146:18, 147:19, 149:24, 159:23</p> <p><b>publicly</b> [10] - 63:25, 82:25, 127:12, 146:13, 146:18, 146:23, 147:11, 147:25, 148:3, 156:11</p> <p><b>publish</b> [2] - 117:2, 127:1</p> <p><b>Published</b> [1] - 81:10</p> <p><b>published</b> [6] - 54:21, 80:12, 81:3, 81:7, 81:9</p> <p><b>publishing</b> [1] - 81:12</p> <p><b>pull</b> [11] - 43:7, 82:4, 83:6, 84:4, 85:6, 88:8, 104:24, 107:4, 116:20, 127:16, 141:3</p> <p><b>pulled</b> [4] - 88:18, 91:10, 91:18, 91:19</p> <p><b>purchased</b> [1] - 98:8</p> <p><b>purchasing</b> [2] - 90:23, 91:1</p> <p><b>purple</b> [2] - 19:2, 19:16</p> <p><b>purpose</b> [5] - 10:2, 10:4, 10:16, 99:21, 100:3</p> <p><b>purposes</b> [2] - 64:20, 106:1</p> <p><b>pursuant</b> [1] - 26:15</p> <p><b>Put</b> [1] - 84:24</p> <p><b>put</b> [27] - 11:1, 11:18, 12:3, 61:2, 136:9, 138:5, 138:10, 147:3, 150:20, 150:21, 154:5, 156:3, 172:13, 172:22, 175:18, 176:17, 178:13, 179:20, 185:16, 187:12, 188:1, 194:6, 196:8, 197:23, 199:7, 199:9, 200:20</p> <p><b>Putnam</b> [1] - 162:22</p> <p><b>putting</b> [1] - 30:4</p>	<p><b>Q</b></p> <p><b>quantify</b> [1] - 160:14</p> <p><b>quantities</b> [2] - 146:6, 153:21</p> <p><b>quantity</b> [8] - 81:14, 108:6, 108:19, 108:21, 109:2, 109:4, 109:12, 110:15</p> <p><b>quarter</b> [2] - 35:1, 81:20</p> <p><b>quarterly</b> [5] - 80:7, 81:13, 82:5, 82:7, 148:5</p> <p><b>quarters</b> [1] - 168:17</p> <p><b>queries</b> [1] - 149:4</p> <p><b>Quest</b> [2] - 188:18, 188:23</p> <p><b>questioned</b> [1] - 161:22</p> <p><b>questioning</b> [7] - 74:3, 103:16, 106:8, 106:24, 131:23, 157:19, 172:23</p> <p><b>questions</b> [28] - 10:15, 62:4, 62:6, 63:17, 65:11, 65:12, 88:9, 115:16, 129:9, 132:1, 138:21, 142:25, 143:11, 157:18, 157:20, 157:22, 157:23, 173:18, 176:17, 177:22, 178:1, 183:19, 183:20, 190:10, 192:8, 198:16, 198:19</p> <p><b>quick</b> [3] - 77:3, 80:23, 129:3</p> <p><b>quickest</b> [1] - 181:6</p> <p><b>quickly</b> [8] - 24:13, 50:10, 80:23, 124:2, 141:6, 155:6, 155:11, 173:2</p>
---	---	--

<p><b>quit</b> [1] - 94:8</p> <p><b>quite</b> [6] - 54:22, 60:11, 111:25, 115:9, 124:22, 153:21</p> <p><b>quote</b> [1] - 113:15</p>	<p><b>real-time</b> [9] - 70:8, 70:9, 76:19, 76:20, 77:2, 77:6, 77:7, 77:14</p> <p><b>really</b> [11] - 15:24, 73:16, 76:1, 77:20, 93:22, 100:23, 115:9, 141:5, 167:3, 198:13, 198:16</p> <p><b>reason</b> [11] - 8:10, 61:20, 64:25, 74:13, 97:9, 100:11, 104:7, 137:10, 172:19, 176:14, 202:2</p> <p><b>reasonable</b> [3] - 9:21, 12:1</p> <p><b>reasonably</b> [2] - 11:3, 64:14</p> <p><b>reasons</b> [3] - 25:13, 57:9, 169:9</p> <p><b>rebuttal</b> [1] - 106:1</p> <p><b>receipts</b> [2] - 102:18</p> <p><b>receive</b> [5] - 90:19, 128:8, 128:11, 164:15, 164:16</p> <p><b>received</b> [14] - 26:25, 27:3, 45:14, 93:19, 94:19, 97:7, 98:8, 102:4, 102:10, 102:14, 115:3, 129:21, 148:4, 149:8</p> <p><b>receives</b> [1] - 146:13</p> <p><b>receiving</b> [1] - 102:5</p> <p><b>recent</b> [1] - 67:6</p> <p><b>recently</b> [2] - 112:13, 112:14</p> <p><b>recess</b> [4] - 48:19, 94:10, 142:17, 202:14</p> <p><b>Recess</b> [3] - 48:22, 94:11, 142:19</p> <p><b>recessed</b> [1] - 203:4</p> <p><b>recognize</b> [8] - 82:6, 96:6, 108:1, 135:17, 178:25, 187:11, 187:15, 187:16</p> <p><b>recognized</b> [1] - 98:1</p> <p><b>recognizing</b> [1] - 27:25</p> <p><b>recollection</b> [12] - 100:20, 111:23, 117:15, 149:7, 149:10, 158:22, 159:5, 160:12, 161:4, 161:9, 161:17, 176:10</p> <p><b>record</b> [19] - 20:13, 26:13, 28:3, 30:3, 47:23, 54:15, 55:5, 57:9, 58:9, 90:5,</p>	<p>107:14, 145:22, 160:9, 169:15, 169:20, 191:12, 192:11, 201:20, 204:5</p> <p><b>recorded</b> [2] - 6:19, 102:9</p> <p><b>recording</b> [1] - 102:3</p> <p><b>records</b> [6] - 72:10, 72:15, 73:13, 75:21, 115:18, 148:7</p> <p><b>red</b> [12] - 15:11, 15:16, 15:25, 27:19, 32:16, 33:5, 35:12, 37:10, 40:4, 44:14, 45:7, 46:1</p> <p><b>redirect</b> [2] - 61:16, 63:5</p> <p><b>reduction</b> [5] - 96:19, 97:10, 97:17, 99:2, 111:9</p> <p><b>Reed</b> [2] - 6:4, 6:11</p> <p><b>refer</b> [1] - 74:2</p> <p><b>reference</b> [6] - 151:19, 169:18, 176:11, 176:14, 186:22, 186:25</p> <p><b>referral</b> [2] - 127:6, 127:19</p> <p><b>referred</b> [2] - 44:20, 69:8</p> <p><b>referring</b> [11] - 18:15, 45:11, 67:5, 78:15, 101:8, 113:16, 113:17, 123:20, 154:13, 155:21, 169:22</p> <p><b>refers</b> [1] - 173:23</p> <p><b>reflect</b> [16] - 15:11, 37:11, 40:19, 42:4, 45:7, 45:8, 45:24, 59:11, 73:11, 97:14, 98:3, 98:17, 98:18, 114:6, 115:17</p> <p><b>reflected</b> [13] - 22:25, 23:2, 24:24, 40:3, 44:12, 74:23, 78:18, 102:23, 114:23, 134:2, 138:15, 183:13, 201:9</p> <p><b>reflecting</b> [1] - 99:12</p> <p><b>reflects</b> [8] - 37:9, 40:21, 42:5, 73:9, 99:2, 110:15, 115:20, 130:6</p> <p><b>refresh</b> [2] - 46:23, 117:15</p> <p><b>refreshing</b> [1] - 117:16</p> <p><b>refused</b> [3] - 87:4, 150:2, 150:7</p>	<p><b>regarding</b> [10] - 44:2, 49:12, 103:10, 145:8, 145:11, 145:24, 146:2, 146:6, 146:7, 147:15</p> <p><b>region</b> [1] - 126:19</p> <p><b>regional</b> [5] - 126:10, 126:23, 127:5, 127:19, 128:2</p> <p><b>regionally</b> [1] - 127:23</p> <p><b>registered</b> [2] - 69:9, 151:23</p> <p><b>registrant</b> [3] - 14:21, 69:10, 102:5</p> <p><b>registrants</b> [1] - 99:17</p> <p><b>regulation</b> [3] - 68:12, 68:19, 68:21</p> <p><b>regulator</b> [6] - 68:8, 68:13, 68:16, 68:22, 69:1, 72:24</p> <p><b>regulators</b> [1] - 68:10</p> <p><b>reinstated</b> [1] - 121:5</p> <p><b>reiterate</b> [1] - 41:10</p> <p><b>rejects</b> [1] - 118:15</p> <p><b>relate</b> [2] - 67:6, 96:14</p> <p><b>related</b> [6] - 66:14, 67:3, 131:22, 135:17, 139:22, 174:12</p> <p><b>relates</b> [5] - 62:1, 67:12, 68:14, 79:21, 103:19</p> <p><b>relating</b> [1] - 143:12</p> <p><b>relationship</b> [1] - 156:21</p> <p><b>relative</b> [4] - 111:3, 111:13, 136:12, 200:5</p> <p><b>relatively</b> [1] - 45:25</p> <p><b>release</b> [1] - 151:10</p> <p><b>releases</b> [1] - 151:11</p> <p><b>relevant</b> [2] - 48:4, 198:13</p> <p><b>reliable</b> [10] - 72:2, 73:13, 73:15, 73:25, 106:20, 112:17, 118:3, 123:6, 144:1, 144:3</p> <p><b>reliance</b> [2] - 105:7, 106:18</p> <p><b>relied</b> [7] - 64:14, 103:6, 108:12, 113:2, 143:17, 143:21, 143:25</p> <p><b>relief</b> [1] - 158:1</p> <p><b>relies</b> [1] - 170:6</p> <p><b>rely</b> [1] - 9:9</p> <p><b>remain</b> [1] - 89:12</p> <p><b>remaining</b> [2] - 28:6, 89:18</p>	<p><b>remarkable</b> [1] - 177:20</p> <p><b>remember</b> [14] - 133:14, 150:5, 150:9, 159:9, 159:12, 159:14, 159:16, 168:19, 169:1, 172:21, 173:12, 175:17, 177:23, 188:13</p> <p><b>remind</b> [1] - 202:18</p> <p><b>remove</b> [3] - 182:2, 182:17, 194:22</p> <p><b>removed</b> [2] - 48:3, 193:10</p> <p><b>rendered</b> [1] - 121:14</p> <p><b>repeat</b> [1] - 105:13</p> <p><b>repeatedly</b> [5] - 106:12, 106:18, 131:13, 131:17, 132:9</p> <p><b>Report</b> [2] - 29:22, 31:20</p> <p><b>report</b> [35] - 54:8, 54:9, 54:13, 57:7, 67:23, 78:18, 78:20, 81:16, 96:2, 96:7, 103:6, 106:18, 112:7, 115:4, 131:4, 131:7, 131:8, 131:12, 132:8, 132:20, 137:8, 137:21, 145:2, 148:5, 149:11, 154:1, 154:8, 160:5, 167:7, 170:6, 178:14, 179:1, 181:12, 181:19, 187:17</p> <p><b>reported</b> [28] - 70:15, 71:7, 71:10, 72:23, 74:24, 74:25, 77:9, 77:15, 77:18, 80:1, 80:3, 80:12, 113:21, 143:24, 144:9, 145:1, 145:7, 145:10, 145:16, 145:19, 145:24, 146:2, 146:23, 167:6, 175:8, 204:9</p> <p><b>REPORTER</b> [4] - 105:13, 105:19, 133:3, 140:3</p> <p><b>Reporter</b> [6] - 6:17, 6:18, 204:3, 204:12</p> <p><b>reporting</b> [13] - 77:5, 77:13, 77:23, 77:24, 78:2, 78:6, 78:12, 79:22, 113:19, 147:11, 151:14,</p>
--	--	--	---	--

151:15, 151:20 <b>Reports</b> [5] - 80:9, 146:14, 146:17, 159:24, 165:4 <b>reports</b> [15] - 67:3, 79:3, 80:7, 80:15, 80:17, 81:3, 81:13, 82:5, 82:7, 147:13, 149:11, 149:22, 149:24, 167:3, 170:8 <b>represent</b> [4] - 35:10, 35:11, 65:6, 143:10 <b>representation</b> [2] - 136:24, 155:11 <b>represented</b> [1] - 136:11 <b>request</b> [7] - 8:13, 10:24, 90:11, 106:7, 137:7, 171:13, 202:17 <b>requested</b> [1] - 149:11 <b>require</b> [1] - 175:13 <b>required</b> [1] - 93:10 <b>rescheduling</b> [1] - 198:13 <b>reservations</b> [1] - 123:11 <b>reserve</b> [5] - 25:13, 47:24, 51:7, 57:9, 58:9 <b>reserving</b> [1] - 36:1 <b>reside</b> [1] - 128:7 <b>resident</b> [2] - 129:22, 134:17 <b>residents</b> [3] - 127:23, 174:24, 175:7 <b>resolve</b> [1] - 7:14 <b>Resource</b> [1] - 151:1 <b>respect</b> [3] - 67:16, 100:24, 121:25 <b>respectfully</b> [1] - 10:3 <b>respond</b> [1] - 10:22 <b>responding</b> [1] - 90:15 <b>response</b> [2] - 157:17, 157:18 <b>rest</b> [3] - 46:1, 171:9, 193:17 <b>result</b> [1] - 97:17 <b>resulted</b> [1] - 114:2 <b>results</b> [4] - 97:17, 103:1, 118:2, 124:14 <b>resume</b> [3] - 12:17, 94:13, 172:22 <b>resumed</b> [2] - 48:23, 142:20 <b>retail</b> [10] - 93:7, 151:18, 167:4, 167:13, 169:11, 169:16, 170:19,	177:5, 177:6, 177:11 <b>Retail</b> [5] - 80:8, 146:14, 146:17, 159:24, 165:3 <b>retained</b> [4] - 66:17, 67:14, 78:22, 131:1 <b>return</b> [6] - 23:19, 45:18, 98:12, 98:14, 109:12, 109:22 <b>returned</b> [10] - 100:5, 102:14, 108:13, 110:8, 110:12, 111:19, 112:5, 112:22, 113:11, 115:19 <b>returning</b> [2] - 100:17, 113:3 <b>returns</b> [9] - 102:23, 103:5, 109:8, 109:16, 109:20, 115:14, 115:22, 125:3, 125:6 <b>revenue</b> [1] - 184:8 <b>revenues</b> [1] - 184:11 <b>reverse</b> [2] - 113:23, 114:4 <b>reversed</b> [1] - 121:3 <b>review</b> [11] - 31:25, 80:21, 102:21, 103:1, 124:18, 137:20, 137:22, 170:8, 182:22, 183:2, 183:16 <b>reviewed</b> [11] - 17:17, 22:21, 23:23, 24:12, 57:16, 70:14, 78:19, 134:23, 137:21, 153:15, 170:15 <b>reviewing</b> [2] - 14:17, 170:5 <b>revisit</b> [1] - 61:15 <b>Reynolds</b> [3] - 155:4, 185:17, 185:21 <b>rhetorically</b> [1] - 73:18 <b>Rice</b> [5] - 2:9, 3:14, 4:3, 4:5, 4:8 <b>right-hand</b> [4] - 52:17, 53:1, 56:3, 56:21 <b>rightfully</b> [1] - 11:18 <b>rise</b> [2] - 134:16, 139:2 <b>rising</b> [1] - 136:4 <b>risk</b> [2] - 8:21, 118:13 <b>Rite</b> [44] - 19:19, 20:16, 20:18, 20:20, 21:1, 21:3, 21:4, 21:5, 21:6, 21:12, 21:13, 21:15, 21:25, 22:5, 22:22, 22:23, 22:24, 23:6, 23:12, 23:15, 24:3, 24:5,	24:7, 24:15, 24:18, 24:24, 25:2, 31:3, 196:5, 196:9, 196:12, 196:16, 196:24, 197:3, 197:6, 197:11, 197:14, 197:17, 197:24, 197:25, 198:4, 198:8, 198:23 <b>Rite-Aid</b> [15] - 196:5, 196:9, 196:12, 196:16, 196:24, 197:3, 197:6, 197:11, 197:14, 197:24, 197:25, 198:4, 198:8, 198:23 <b>Rite-Aids</b> [1] - 197:17 <b>RMR</b> [2] - 6:17, 6:18 <b>ROBERT</b> [1] - 6:11 <b>ROBERTSON</b> [1] - 3:6 <b>role</b> [1] - 126:23 <b>room</b> [1] - 63:6 <b>rough</b> [1] - 188:20 <b>roughly</b> [11] - 15:14, 38:9, 40:8, 42:15, 42:21, 47:8, 60:10, 97:19, 137:12, 153:22, 189:11 <b>rounding</b> [2] - 101:15, 182:13 <b>rounds</b> [1] - 181:24 <b>row</b> [9] - 52:12, 55:23, 56:25, 59:5, 59:6, 59:12, 60:5, 109:1, 109:4 <b>Row</b> [3] - 107:22, 108:5, 109:11 <b>rows</b> [14] - 13:10, 13:12, 13:13, 20:20, 20:21, 20:22, 26:4, 26:7, 36:11, 36:12, 39:15, 43:15, 56:8, 59:10 <b>RPR</b> [1] - 6:18 <b>RPR-RMR-CRR-</b> <b>FCRR</b> [1] - 6:18 <b>RUBY</b> [1] - 4:17 <b>Ruby</b> [1] - 4:17 <b>Rule</b> [1] - 10:14 <b>ruled</b> [4] - 28:1, 30:5, 48:9, 120:17 <b>rules</b> [4] - 10:13, 10:19, 106:11, 106:12 <b>ruling</b> [10] - 11:22, 25:11, 25:13, 36:1, 39:7, 47:24, 51:7, 57:9, 58:9, 60:17 <b>rulings</b> [1] - 30:10 <b>run</b> [3] - 157:21,	157:22 <b>run-up</b> [3] - 157:21, 157:22 <b>runs</b> [3] - 18:17, 19:10, 162:20  <b>S</b>  <b>s\Ayme</b> [1] - 204:11 <b>s\Lisa</b> [1] - 204:11 <b>SafeScript</b> [27] - 74:7, 74:15, 85:1, 85:5, 85:17, 85:22, 85:24, 86:11, 86:12, 86:13, 86:15, 86:19, 86:22, 87:15, 87:20, 88:3, 88:17, 88:22, 89:5, 89:16, 90:10, 90:14, 90:15, 141:6, 141:13, 141:19 <b>SafeScript's</b> [6] - 87:19, 89:4, 89:14, 89:23, 90:23, 91:1 <b>sale</b> [1] - 151:18 <b>sales</b> [4] - 145:8, 145:15, 145:23, 145:25 <b>Salgado</b> [2] - 54:5, 202:10 <b>SALGADO</b> [14] - 4:15, 27:24, 29:18, 29:23, 30:9, 35:24, 39:6, 41:9, 54:6, 55:2, 202:8, 202:12, 202:17, 203:1 <b>San</b> [2] - 2:5, 2:17 <b>sat</b> [2] - 120:16, 131:25 <b>saw</b> [6] - 15:13, 33:19, 55:15, 136:8, 139:2, 151:9 <b>SC</b> [3] - 3:15, 4:4, 4:9 <b>scale</b> [21] - 33:24, 34:1, 34:19, 34:20, 38:7, 41:1, 42:10, 42:12, 50:12, 149:9, 166:19, 199:16, 199:18, 199:22, 200:16, 201:1, 201:2, 201:3, 201:7, 201:14 <b>scheme</b> [2] - 19:15, 29:3 <b>Schmidt</b> [10] - 30:13, 32:18, 143:4, 143:10, 171:7, 172:3, 190:16, 194:14, 201:25, 202:3 <b>SCHMIDT</b> [40] - 5:9,	25:10, 30:15, 35:25, 41:13, 43:2, 47:20, 47:25, 51:6, 57:5, 60:15, 101:7, 143:3, 143:5, 143:7, 150:17, 150:19, 153:2, 153:8, 154:6, 154:11, 171:12, 171:19, 171:21, 172:4, 172:7, 172:9, 178:18, 178:23, 178:24, 180:7, 180:11, 190:17, 191:8, 195:3, 195:4, 198:18, 198:22, 201:22, 202:4 <b>scope</b> [11] - 30:1, 30:11, 41:11, 58:7, 79:19, 132:3, 132:5, 135:8, 183:23, 183:24, 183:25 <b>scratch</b> [2] - 67:15, 67:17 <b>screen</b> [20] - 13:2, 57:18, 59:19, 85:6, 104:1, 150:21, 154:16, 159:4, 165:12, 172:14, 175:19, 175:23, 180:15, 185:17, 187:12, 188:1, 194:7, 196:8, 199:10, 200:21 <b>screens</b> [1] - 149:9 <b>screwed</b> [1] - 59:19 <b>Script</b> [5] - 184:18, 185:3, 185:22, 187:13, 188:3 <b>search</b> [2] - 80:24, 85:1 <b>second</b> [21] - 19:18, 23:8, 31:8, 32:5, 52:22, 56:25, 58:18, 59:12, 60:5, 96:13, 105:4, 106:6, 145:15, 147:5, 150:25, 151:13, 176:20, 185:19, 190:15, 192:9 <b>section</b> [1] - 118:8 <b>sections</b> [2] - 14:12, 136:10 <b>Securities</b> [1] - 122:18 <b>securities</b> [2] - 77:15, 118:24 <b>security</b> [2] - 66:15, 77:10 <b>see</b> [106] - 13:10, 13:12, 13:13, 18:25, 19:9, 19:15, 27:19,
--	--	--	---	--

<p>32:22, 34:1, 50:9, 55:5, 58:25, 59:6, 59:10, 60:1, 62:18, 64:24, 81:5, 83:18, 89:11, 90:7, 96:18, 96:21, 97:1, 102:8, 102:22, 104:17, 107:7, 107:20, 108:18, 109:21, 124:7, 124:13, 124:19, 126:4, 126:13, 126:22, 127:12, 130:5, 132:12, 133:18, 138:20, 139:17, 140:20, 140:21, 142:12, 150:21, 150:23, 151:3, 151:19, 152:2, 152:15, 153:22, 154:15, 154:20, 154:23, 155:11, 155:13, 156:5, 160:18, 160:23, 162:10, 162:17, 162:18, 168:7, 168:10, 171:19, 172:13, 172:16, 172:25, 179:4, 180:21, 185:22, 186:13, 187:7, 187:9, 187:18, 187:21, 188:3, 188:4, 188:6, 188:8, 188:16, 188:18, 191:17, 191:20, 192:12, 193:2, 193:5, 193:8, 195:5, 195:8, 195:12, 196:23, 196:25, 197:2, 199:11, 200:13, 200:21, 201:10, 201:11, 201:16, 202:7, 202:16, 203:2</p> <p><b>seeing</b> [3] - 63:10, 89:8, 144:15</p> <p><b>seeking</b> [1] - 158:1</p> <p><b>seem</b> [1] - 115:19</p> <p><b>segments</b> [1] - 44:12</p> <p><b>select</b> [1] - 36:23</p> <p><b>self</b> [4] - 22:24, 27:9, 29:10, 196:16</p> <p><b>self-distributed</b> [3] - 22:24, 27:9, 29:10</p> <p><b>self-distribution</b> [1] - 196:16</p> <p><b>sellers</b> [1] - 165:9</p> <p><b>selling</b> [1] - 145:11</p> <p><b>sending</b> [1] - 8:6</p>	<p><b>SENIOR</b> [1] - 1:17</p> <p><b>Senior</b> [1] - 7:2</p> <p><b>Sensabaugh</b> [1] - 5:14</p> <p><b>sense</b> [3] - 26:17, 184:1, 184:23</p> <p><b>sent</b> [4] - 7:17, 7:18, 79:15, 90:10</p> <p><b>separate</b> [9] - 31:16, 62:2, 67:9, 115:16, 122:12, 122:14, 124:10, 124:11, 167:5</p> <p><b>separated</b> [2] - 26:14, 62:8</p> <p><b>separately</b> [1] - 124:5</p> <p><b>September</b> [8] - 89:3, 89:6, 89:8, 89:11, 104:10, 172:11, 172:14</p> <p><b>sequence</b> [1] - 11:5</p> <p><b>series</b> [5] - 29:5, 31:2, 31:24, 48:13, 132:4</p> <p><b>serious</b> [1] - 123:11</p> <p><b>serve</b> [1] - 186:1</p> <p><b>serves</b> [1] - 25:16</p> <p><b>Service</b> [1] - 173:23</p> <p><b>serviced</b> [2] - 42:7, 85:16</p> <p><b>servicing</b> [3] - 85:22, 86:8, 86:11</p> <p><b>set</b> [5] - 9:7, 54:7, 56:1, 64:3, 90:18</p> <p><b>sets</b> [1] - 52:16</p> <p><b>settled</b> [1] - 93:6</p> <p><b>seven</b> [4] - 43:14, 50:4, 67:2, 67:5</p> <p><b>seventh</b> [1] - 94:4</p> <p><b>several</b> [2] - 19:18, 48:8</p> <p><b>SHANNON</b> [1] - 6:3</p> <p><b>share</b> [17] - 86:6, 150:2, 154:18, 177:23, 178:8, 178:14, 179:1, 179:7, 179:11, 180:1, 181:2, 181:3, 182:2, 182:16, 195:25, 198:8, 198:11</p> <p><b>shared</b> [2] - 76:16, 86:20</p> <p><b>sharing</b> [1] - 152:24</p> <p><b>shift</b> [2] - 23:9, 48:13</p> <p><b>ship</b> [2] - 86:1, 99:1</p> <p><b>shipment</b> [12] - 16:15, 24:23, 34:3, 34:4, 37:18, 97:17, 97:20, 99:4, 100:22, 139:24, 145:21, 156:2</p>	<p><b>shipments</b> [116] - 14:13, 15:12, 16:4, 18:12, 19:6, 21:10, 23:15, 24:14, 24:21, 24:23, 25:2, 27:18, 28:7, 28:25, 29:8, 32:15, 33:2, 33:10, 33:19, 33:20, 33:22, 34:16, 34:17, 34:22, 35:11, 35:12, 35:13, 35:14, 35:16, 36:20, 37:9, 37:10, 37:11, 37:25, 38:1, 38:3, 38:5, 38:24, 38:25, 39:1, 39:3, 39:23, 40:2, 40:5, 40:6, 40:18, 40:20, 40:21, 40:24, 42:2, 42:4, 42:6, 42:8, 44:2, 44:3, 44:13, 44:15, 45:7, 45:8, 45:10, 45:22, 45:24, 45:25, 46:19, 46:20, 47:9, 49:13, 51:15, 51:23, 53:4, 55:20, 59:24, 60:3, 70:21, 76:18, 76:22, 77:13, 77:18, 80:2, 80:3, 81:19, 93:6, 93:11, 93:23, 97:14, 98:3, 100:2, 100:5, 111:6, 111:11, 113:22, 113:23, 115:11, 115:12, 126:6, 158:24, 158:25, 160:8, 163:23, 167:4, 167:20, 170:19, 180:18, 182:18, 182:19, 182:23, 183:4, 186:15, 188:6, 190:23, 191:6, 194:16, 196:2, 197:25, 198:3, 198:25</p> <p><b>shipped</b> [39] - 16:2, 27:12, 28:23, 29:9, 37:7, 40:22, 40:25, 42:9, 46:6, 49:15, 52:3, 56:19, 59:14, 68:17, 72:10, 72:12, 72:22, 74:15, 75:1, 75:3, 75:5, 75:18, 77:9, 79:23, 97:11, 100:18, 108:6, 108:19, 108:21, 109:2, 109:5, 109:12, 126:17, 126:18, 153:12, 166:3, 180:23, 183:9, 194:19</p>	<p><b>shipping</b> [5] - 40:10, 85:24, 86:3, 86:22, 199:6</p> <p><b>ships</b> [1] - 99:11</p> <p><b>shoot</b> [1] - 201:8</p> <p><b>short</b> [1] - 9:16</p> <p><b>shortly</b> [1] - 148:1</p> <p><b>show</b> [41] - 9:1, 9:11, 10:18, 28:3, 54:15, 66:11, 81:23, 84:6, 89:20, 93:20, 95:6, 95:10, 96:1, 97:10, 101:15, 102:14, 112:2, 113:3, 115:14, 115:19, 116:20, 122:16, 131:3, 131:11, 133:5, 133:10, 137:8, 137:10, 138:3, 138:16, 138:19, 147:6, 150:16, 158:14, 159:7, 162:3, 176:25, 182:9, 187:9</p> <p><b>showed</b> [17] - 66:10, 85:15, 92:6, 93:16, 112:21, 156:2, 158:15, 159:6, 160:13, 170:13, 184:16, 186:12, 189:2, 189:17, 190:5, 190:10, 199:8</p> <p><b>showing</b> [8] - 102:9, 108:19, 137:12, 138:22, 158:16, 159:6, 159:11, 179:1</p> <p><b>shown</b> [10] - 36:2, 47:23, 57:8, 58:8, 110:4, 159:9, 159:10, 159:12, 188:14, 200:13</p> <p><b>shows</b> [26] - 69:20, 69:23, 71:21, 74:20, 83:13, 85:5, 87:12, 87:18, 96:13, 96:17, 96:19, 96:21, 97:20, 99:6, 104:12, 108:21, 109:1, 112:19, 113:5, 113:11, 137:9, 154:15, 154:17, 193:20, 193:24</p> <p><b>shrink</b> [2] - 26:11, 26:15</p> <p><b>shuffled</b> [1] - 84:9</p> <p><b>side</b> [16] - 10:20, 11:3, 32:24, 33:25, 34:19, 38:8, 41:1, 42:10, 54:21, 56:2, 63:2, 84:24, 139:21,</p>	<p>142:12, 200:20</p> <p><b>side-by-side</b> [1] - 200:20</p> <p><b>sides</b> [7] - 113:18, 132:4, 135:2, 135:4, 135:10, 135:18, 138:2</p> <p><b>sign</b> [1] - 96:21</p> <p><b>significant</b> [6] - 68:20, 135:13, 139:8, 184:5, 195:15, 195:17</p> <p><b>significantly</b> [2] - 48:3, 140:15</p> <p><b>similar</b> [21] - 14:1, 14:23, 15:17, 15:22, 15:24, 22:18, 22:20, 24:4, 24:11, 34:10, 34:15, 38:18, 40:14, 46:18, 55:14, 59:10, 150:5, 168:3, 174:11, 178:21, 191:14</p> <p><b>similarly</b> [1] - 45:3</p> <p><b>simple</b> [7] - 75:25, 76:1, 76:3, 92:24, 93:8, 93:12, 125:23</p> <p><b>simplest</b> [1] - 181:6</p> <p><b>simply</b> [2] - 9:8, 119:8</p> <p><b>simultaneously</b> [1] - 120:14</p> <p><b>SINGER</b> [1] - 4:5</p> <p><b>single</b> [4] - 64:2, 166:4, 191:4, 194:14</p> <p><b>single-page</b> [1] - 64:2</p> <p><b>sit</b> [1] - 111:20</p> <p><b>sitting</b> [2] - 100:14, 109:8</p> <p><b>situation</b> [1] - 11:24</p> <p><b>situations</b> [1] - 9:25</p> <p><b>six</b> [12] - 13:10, 67:2, 67:5, 152:1, 152:8, 152:20, 164:7, 164:9, 164:10, 170:1, 184:8, 184:13</p> <p><b>size</b> [8] - 108:8, 108:9, 108:22, 109:2, 109:5, 109:12, 136:12, 186:8</p> <p><b>skew</b> [1] - 120:1</p> <p><b>skip</b> [4] - 19:19, 22:18, 29:5, 32:12</p> <p><b>skipping</b> [4] - 13:12, 18:5, 20:23, 26:5</p> <p><b>slide</b> [13] - 15:6, 15:22, 19:11, 22:19, 24:22, 32:2, 33:20, 34:15, 35:15, 47:3, 57:15, 84:4, 176:18</p> <p><b>Slide</b> [1] - 34:12</p>
---	---	---	---	--



<p><b>slides</b> [8] - 14:23, 19:21, 29:5, 176:17, 178:5, 193:1, 194:22, 200:17</p> <p><b>slight</b> [1] - 88:2</p> <p><b>slightly</b> [3] - 73:19, 81:5, 107:17</p> <p><b>slipped</b> [1] - 11:12</p> <p><b>slope</b> [1] - 139:8</p> <p><b>small</b> [6] - 45:25, 101:14, 111:25, 115:9, 160:6</p> <p><b>smaller</b> [1] - 195:25</p> <p><b>Smith</b> [2] - 6:4, 6:11</p> <p><b>sold</b> [3] - 151:24, 152:7, 152:19</p> <p><b>sole</b> [2] - 23:6, 29:13</p> <p><b>someone</b> [2] - 75:13, 139:25</p> <p><b>sometime</b> [1] - 29:15</p> <p><b>Sometimes</b> [1] - 81:22</p> <p><b>sometimes</b> [4] - 78:8, 100:4, 101:23, 140:23</p> <p><b>somewhere</b> [5] - 49:21, 84:20, 125:19, 184:13, 193:16</p> <p><b>SOMS</b> [3] - 171:3, 172:5, 172:8</p> <p><b>sophisticated</b> [1] - 148:19</p> <p><b>sophistication</b> [1] - 148:16</p> <p><b>Sorry</b> [1] - 200:13</p> <p><b>sorry</b> [50] - 7:5, 21:19, 31:6, 31:12, 31:15, 33:17, 33:18, 34:3, 38:2, 39:11, 41:16, 41:22, 52:4, 54:25, 57:25, 59:2, 84:9, 84:21, 87:14, 88:11, 105:13, 105:19, 105:20, 114:11, 131:9, 133:3, 134:6, 140:3, 141:9, 141:18, 145:6, 145:13, 160:19, 172:12, 172:22, 179:9, 181:20, 182:7, 184:19, 185:8, 185:13, 187:15, 187:23, 189:19, 190:7, 192:16, 195:12, 195:22, 197:9, 201:4</p> <p><b>sort</b> [5] - 70:19, 95:2, 136:9, 153:22, 156:20</p> <p><b>sorted</b> [4] - 13:8, 26:2,</p>	<p>32:3, 52:4</p> <p><b>sound</b> [1] - 153:23</p> <p><b>source</b> [1] - 107:13</p> <p><b>sources</b> [4] - 63:25, 64:7, 112:17, 144:23</p> <p><b>sourcing</b> [2] - 55:3, 55:5</p> <p><b>South</b> [1] - 2:13</p> <p><b>SOUTHERN</b> [1] - 1:1</p> <p><b>Southern</b> [5] - 7:2, 117:7, 122:13, 127:9, 127:21</p> <p><b>speaking</b> [2] - 94:22, 189:11</p> <p><b>specific</b> [10] - 65:11, 81:14, 122:20, 137:17, 137:18, 149:25, 151:9, 184:15, 186:25, 194:21</p> <p><b>specifically</b> [8] - 70:25, 103:11, 165:7, 176:11, 178:6, 193:2, 194:15, 198:21</p> <p><b>Specifically</b> [1] - 179:3</p> <p><b>specifics</b> [1] - 67:16</p> <p><b>speculation</b> [1] - 86:16</p> <p><b>spell</b> [1] - 189:7</p> <p><b>spelled</b> [1] - 193:2</p> <p><b>spending</b> [2] - 184:17, 185:2</p> <p><b>spent</b> [5] - 74:1, 95:14, 95:15, 119:5, 137:11</p> <p><b>spike</b> [7] - 103:21, 103:23, 104:4, 104:7, 104:19, 111:7, 111:10</p> <p><b>spoken</b> [4] - 76:7, 76:25, 130:19, 130:22</p> <p><b>spreadsheet</b> [1] - 106:17</p> <p><b>Spreadsheet</b> [1] - 107:18</p> <p><b>Square</b> [2] - 6:5, 6:12</p> <p><b>squeaking</b> [1] - 78:8</p> <p><b>St</b> [1] - 126:15</p> <p><b>staff</b> [1] - 113:25</p> <p><b>staff's</b> [1] - 184:6</p> <p><b>staffed</b> [1] - 127:6</p> <p><b>stage</b> [1] - 122:23</p> <p><b>stamped</b> [1] - 90:6</p> <p><b>stand</b> [6] - 11:1, 12:18, 30:20, 160:9, 192:18, 201:20</p> <p><b>standing</b> [5] - 20:10,</p>	<p>41:11, 120:17, 120:19, 120:20</p> <p><b>stands</b> [1] - 103:19</p> <p><b>STANNER</b> [1] - 5:10</p> <p><b>stapled</b> [1] - 85:5</p> <p><b>start</b> [15] - 10:18, 28:14, 32:24, 46:4, 51:12, 65:14, 96:9, 97:2, 107:16, 118:18, 133:17, 154:22, 155:5, 173:3, 173:16</p> <p><b>started</b> [1] - 60:20</p> <p><b>starting</b> [10] - 7:21, 13:16, 59:13, 67:15, 67:17, 119:21, 123:2, 141:6, 161:23, 162:1</p> <p><b>Starting</b> [1] - 59:23</p> <p><b>starts</b> [1] - 18:17</p> <p><b>State</b> [5] - 30:7, 58:1, 58:18, 92:22, 184:20</p> <p><b>state</b> [34] - 40:6, 51:24, 52:4, 52:15, 54:3, 54:12, 55:21, 55:25, 56:8, 56:19, 56:20, 59:1, 59:3, 68:20, 81:17, 81:18, 81:22, 81:24, 81:25, 123:16, 124:15, 130:13, 131:16, 133:25, 146:20, 153:20, 176:3, 176:7, 192:2</p> <p><b>statement</b> [1] - 144:19</p> <p><b>states</b> [13] - 51:19, 51:24, 52:8, 52:13, 52:14, 53:6, 53:12, 53:20, 55:24, 56:7, 58:16, 59:3, 59:11</p> <p><b>States</b> [9] - 7:2, 49:13, 68:7, 72:24, 93:3, 99:16, 130:7, 173:23, 174:3</p> <p><b>STATES</b> [2] - 1:1, 1:17</p> <p><b>statewide</b> [2] - 69:19, 173:18</p> <p><b>statistical</b> [1] - 95:3</p> <p><b>statistics</b> [1] - 126:4</p> <p><b>Status</b> [1] - 7:2</p> <p><b>STATUS</b> [1] - 1:17</p> <p><b>stay</b> [2] - 52:21, 118:7</p> <p><b>steadily</b> [1] - 83:15</p> <p><b>steady</b> [2] - 83:20, 139:2</p> <p><b>steal</b> [1] - 61:2</p> <p><b>stenography</b> [1] - 6:19</p> <p><b>steps</b> [1] - 94:23</p> <p><b>STEVEN</b> [1] - 4:17</p> <p><b>stick</b> [5] - 14:24,</p>	<p>52:22, 82:14, 99:9, 106:12</p> <p><b>sticking</b> [1] - 98:21</p> <p><b>still</b> [9] - 71:6, 112:13, 112:14, 114:25, 163:13, 172:5, 172:8, 180:3, 202:8</p> <p><b>stipulated</b> [1] - 171:3</p> <p><b>stipulation</b> [3] - 8:3, 62:1, 105:22</p> <p><b>Stollings</b> [2] - 36:5, 37:8</p> <p><b>stood</b> [1] - 8:12</p> <p><b>stop</b> [1] - 202:3</p> <p><b>stopped</b> [1] - 88:7</p> <p><b>stopping</b> [1] - 48:17</p> <p><b>stops</b> [1] - 158:19</p> <p><b>store</b> [1] - 14:19</p> <p><b>stores</b> [4] - 17:19, 18:1, 22:22, 28:17</p> <p><b>story</b> [1] - 120:23</p> <p><b>straight</b> [1] - 89:9</p> <p><b>straitjacket</b> [1] - 12:3</p> <p><b>Street</b> [15] - 2:7, 2:10, 2:13, 3:5, 3:7, 3:10, 3:12, 4:6, 4:13, 4:15, 4:18, 5:5, 5:12, 6:6, 6:13</p> <p><b>strength</b> [19] - 18:24, 19:11, 19:14, 24:11, 24:16, 29:2, 46:16, 46:20, 47:3, 75:5, 75:8, 75:9, 75:12, 75:14, 136:8, 136:19, 136:25, 146:7</p> <p><b>strengths</b> [2] - 18:21, 28:23</p> <p><b>stricken</b> [1] - 101:11</p> <p><b>strike</b> [1] - 126:21</p> <p><b>strongly</b> [2] - 61:23, 62:6</p> <p><b>Strosnider</b> [8] - 41:16, 41:19, 41:22, 42:11, 43:1, 191:18, 192:10, 193:6</p> <p><b>studied</b> [1] - 66:3</p> <p><b>studies</b> [2] - 123:10, 126:5</p> <p><b>study</b> [2] - 123:5, 123:18</p> <p><b>stuff</b> [1] - 138:15</p> <p><b>sub</b> [1] - 93:6</p> <p><b>sub-setted</b> [1] - 93:6</p> <p><b>subject</b> [6] - 10:11, 54:20, 60:14, 68:10, 68:11, 171:15</p> <p><b>submission</b> [2] - 70:19, 70:20</p> <p><b>submitted</b> [2] - 75:22,</p>	<p>112:7</p> <p><b>subsequent</b> [1] - 193:1</p> <p><b>subset</b> [12] - 7:19, 7:20, 24:21, 37:25, 38:23, 98:3, 103:3, 107:5, 160:6, 166:22</p> <p><b>substance</b> [3] - 151:25, 152:8, 152:19</p> <p><b>substances</b> [5] - 67:24, 68:14, 69:3, 146:19, 151:16</p> <p><b>subtotal</b> [7] - 49:14, 52:2, 55:20, 56:18, 69:23, 74:12, 74:23</p> <p><b>subtotaled</b> [4] - 19:14, 36:21, 49:23, 56:20</p> <p><b>subtotaling</b> [4] - 24:16, 29:1, 29:2, 56:2</p> <p><b>subtotals</b> [13] - 18:23, 46:19, 51:22, 56:1, 69:21, 76:1, 92:24, 95:2, 95:4, 95:6, 95:10, 111:24, 167:19</p> <p><b>suggest</b> [2] - 92:5, 126:8</p> <p><b>Suite</b> [9] - 2:4, 2:7, 2:10, 2:13, 2:16, 3:17, 4:6, 6:5, 6:12</p> <p><b>sum</b> [1] - 93:23</p> <p><b>summaries</b> [12] - 17:17, 21:10, 41:10, 95:1, 109:17, 134:10, 134:21, 139:23, 146:23, 149:10, 167:11, 167:19</p> <p><b>summarize</b> [2] - 14:24, 24:19</p> <p><b>summarized</b> [20] - 14:13, 15:9, 15:22, 22:3, 22:20, 24:13, 27:17, 32:14, 33:15, 40:16, 42:1, 44:1, 45:4, 47:5, 49:12, 51:13, 71:13, 71:17, 103:3, 115:5</p> <p><b>summarizes</b> [1] - 18:23</p> <p><b>summarizing</b> [2] - 51:4, 167:8</p> <p><b>Summary</b> [5] - 80:9, 146:14, 146:17, 159:24, 165:4</p> <p><b>summary</b> [18] - 14:3, 15:7, 18:10, 18:20, 19:5, 20:18, 28:12,</p>
---	--	---	--	--

<p>28:22, 29:13, 38:19, 39:13, 40:14, 43:12, 45:19, 46:17, 46:18, 147:13, 170:4</p> <p><b>supplement</b> [2] - 64:6, 91:19</p> <p><b>supplemented</b> [5] - 44:5, 45:13, 73:17, 73:21, 125:1</p> <p><b>supplements</b> [1] - 91:22</p> <p><b>supplied</b> [6] - 63:21, 153:17, 165:24, 166:10, 169:11, 188:17</p> <p><b>supply</b> [3] - 66:11, 66:12, 129:10</p> <p><b>Supplying</b> [1] - 151:2</p> <p><b>support</b> [1] - 121:23</p> <p><b>supported</b> [1] - 123:12</p> <p><b>suppose</b> [1] - 172:23</p> <p><b>surprised</b> [1] - 144:19</p> <p><b>suspect</b> [1] - 65:12</p> <p><b>suspicious</b> [1] - 171:3</p> <p><b>sustain</b> [1] - 195:1</p> <p><b>sustained</b> [1] - 101:12</p> <p><b>SUZANNE</b> [1] - 4:15</p> <p><b>switch</b> [1] - 16:7</p> <p><b>system</b> [6] - 67:22, 99:23, 99:25, 151:14, 151:15, 151:20</p> <p><b>systemic</b> [2] - 30:5, 48:8</p>	<p><b>technical</b> [2] - 117:21, 118:13</p> <p><b>technically</b> [1] - 118:3</p> <p><b>technological</b> [1] - 149:15</p> <p><b>TEMITOPE</b> [1] - 4:8</p> <p><b>temporal</b> [1] - 156:21</p> <p><b>ten</b> [8] - 13:13, 19:1, 19:16, 20:20, 48:16, 114:8, 114:13, 142:17</p> <p><b>ten-milligram</b> [1] - 19:1</p> <p><b>ten-minute</b> [1] - 48:16</p> <p><b>Tenth</b> [1] - 5:12</p> <p><b>term</b> [3] - 22:24, 74:3, 77:13</p> <p><b>terms</b> [11] - 68:2, 72:20, 75:15, 87:12, 148:14, 156:23, 160:13, 169:22, 171:14, 186:8, 197:18</p> <p><b>test</b> [1] - 125:17</p> <p><b>testified</b> [37] - 66:24, 67:4, 71:25, 78:4, 80:11, 91:4, 95:5, 96:24, 97:3, 103:10, 106:19, 109:15, 111:8, 112:15, 113:14, 114:7, 114:15, 114:18, 114:22, 118:2, 118:4, 118:12, 122:17, 123:3, 124:2, 129:21, 130:11, 131:14, 131:17, 132:9, 135:9, 137:20, 138:1, 139:5, 144:14, 174:23, 186:21</p> <p><b>testifies</b> [1] - 9:1</p> <p><b>testify</b> [5] - 61:24, 71:20, 111:10, 111:11, 118:14</p> <p><b>testifying</b> [10] - 65:15, 77:4, 80:8, 103:15, 104:16, 116:7, 144:21, 170:16, 172:10</p> <p><b>testimonial</b> [1] - 169:20</p> <p><b>testimony</b> [37] - 9:8, 64:9, 64:16, 67:21, 79:2, 79:4, 81:2, 94:18, 100:19, 103:4, 103:7, 117:20, 117:23, 119:3, 119:24,</p>	<p>121:7, 121:8, 122:10, 123:4, 123:5, 123:10, 123:11, 123:16, 137:22, 144:15, 168:25, 170:13, 171:4, 171:7, 171:10, 172:17, 173:3, 173:12, 176:12, 176:15, 198:9</p> <p><b>Texas's</b> [1] - 117:8</p> <p><b>text</b> [1] - 122:6</p> <p><b>THE</b> [136] - 1:1, 1:1, 1:4, 1:17, 7:5, 7:15, 8:18, 9:16, 10:7, 11:12, 11:21, 12:9, 12:11, 12:14, 12:16, 12:20, 12:23, 19:23, 20:9, 20:12, 25:12, 26:18, 28:3, 29:19, 30:2, 30:13, 30:22, 30:24, 36:1, 39:7, 43:4, 47:23, 48:1, 48:16, 48:19, 48:24, 51:7, 54:5, 54:9, 54:15, 55:8, 56:13, 57:8, 58:8, 60:17, 61:8, 61:12, 62:8, 62:17, 62:23, 63:5, 63:8, 63:16, 63:18, 63:19, 63:23, 64:8, 64:10, 64:11, 64:12, 64:13, 64:17, 64:18, 64:23, 84:9, 84:13, 84:15, 86:17, 86:18, 89:25, 90:1, 90:7, 94:7, 94:10, 94:12, 101:12, 101:13, 106:14, 106:25, 116:23, 116:24, 118:19, 118:23, 119:7, 119:10, 119:11, 119:12, 119:15, 119:17, 119:18, 129:4, 129:7, 131:10, 132:10, 132:16, 132:19, 132:21, 132:23, 132:25, 133:2, 133:4, 133:9, 133:14, 133:17, 135:11, 135:12, 137:14, 138:5, 138:8, 138:13, 138:21, 140:4, 142:14, 142:17, 142:21, 142:23, 143:4, 150:18, 153:4, 153:7, 154:10, 171:17,</p>	<p>178:22, 180:9, 180:10, 190:18, 190:20, 195:1, 198:20, 202:1, 202:6, 202:10, 202:14, 202:20, 202:24, 203:2</p> <p><b>themselves</b> [1] - 196:21</p> <p><b>they've</b> [2] - 8:6, 106:11</p> <p><b>thinking</b> [1] - 154:14</p> <p><b>thinks</b> [1] - 101:10</p> <p><b>third</b> [5] - 96:17, 98:21, 184:10, 190:16, 193:1</p> <p><b>thirds</b> [3] - 160:19, 160:20, 160:21</p> <p><b>Thomas</b> [1] - 2:12</p> <p><b>thousand</b> [2] - 17:24, 111:19</p> <p><b>thousands</b> [5] - 50:7, 50:16, 126:14, 193:11, 194:12</p> <p><b>Three</b> [1] - 6:5</p> <p><b>three</b> [39] - 6:12, 16:18, 17:4, 17:7, 26:5, 36:11, 36:12, 46:13, 50:10, 50:14, 50:15, 50:25, 60:20, 63:24, 78:11, 78:25, 81:18, 81:19, 81:22, 83:14, 85:5, 93:5, 108:18, 109:7, 141:19, 153:16, 154:22, 155:7, 165:5, 168:17, 180:22, 183:20, 184:4, 184:11, 184:12, 191:2, 191:5, 194:24, 201:24</p> <p><b>three-digit</b> [4] - 81:18, 81:19, 81:22, 165:5</p> <p><b>threshold</b> [1] - 90:10</p> <p><b>throughout</b> [3] - 74:2, 127:8, 127:21</p> <p><b>tie</b> [2] - 192:1, 200:8</p> <p><b>tied</b> [1] - 48:7</p> <p><b>tile</b> [1] - 190:22</p> <p><b>timing</b> [3] - 64:20, 145:25, 149:19</p> <p><b>TIMOTHY</b> [1] - 5:9</p> <p><b>tiny</b> [3] - 115:12, 115:23</p> <p><b>tips</b> [6] - 22:7, 22:9, 35:18, 37:11, 37:14, 44:20</p> <p><b>title</b> [1] - 150:25</p> <p><b>today</b> [14] - 7:13, 61:6,</p>	<p>61:23, 100:19, 103:4, 104:16, 105:10, 109:8, 111:21, 136:9, 148:17, 159:7, 169:18, 192:15</p> <p><b>together</b> [4] - 88:7, 137:1, 138:6, 181:5</p> <p><b>tomorrow</b> [2] - 8:17, 203:3</p> <p><b>took</b> [11] - 120:5, 165:13, 165:18, 166:17, 166:20, 181:2, 181:7, 196:11, 198:24, 199:4</p> <p><b>tool</b> [3] - 152:12, 152:18, 152:21</p> <p><b>top</b> [21] - 13:10, 14:6, 39:15, 40:4, 41:20, 43:15, 51:24, 52:12, 53:12, 55:23, 56:2, 58:22, 90:17, 107:19, 155:7, 162:16, 162:23, 163:21, 165:15, 182:10</p> <p><b>topic</b> [2] - 79:12, 202:5</p> <p><b>topics</b> [1] - 143:12</p> <p><b>total</b> [59] - 13:5, 13:21, 14:25, 15:4, 16:18, 16:22, 16:23, 17:4, 17:5, 17:12, 17:16, 21:1, 21:4, 21:5, 24:6, 26:22, 32:7, 32:10, 36:12, 36:16, 36:23, 36:24, 39:16, 39:20, 41:21, 42:19, 42:21, 43:16, 43:18, 47:4, 49:14, 50:20, 51:4, 51:25, 52:13, 52:17, 52:24, 53:12, 53:19, 55:23, 56:3, 56:4, 56:21, 56:22, 56:24, 57:23, 58:2, 59:13, 59:14, 101:5, 154:17, 161:10, 168:13, 181:3, 181:7, 181:12, 182:6, 182:18, 184:12</p> <p><b>Total</b> [1] - 58:15</p> <p><b>totality</b> [1] - 37:18</p> <p><b>totally</b> [2] - 9:20, 97:1</p> <p><b>totals</b> [9] - 17:14, 52:10, 52:13, 52:14, 52:16, 55:24, 56:8, 58:20</p> <p><b>touched</b> [1] - 143:14</p>
<b>T</b>				
<p><b>Tab</b> [1] - 108:17</p> <p><b>table</b> [12] - 15:13, 60:7, 65:8, 81:24, 154:13, 154:14, 159:9, 178:14, 179:16, 180:14, 181:12, 192:10</p> <p><b>tables</b> [4] - 92:1, 92:4, 95:20, 159:10</p> <p><b>tablet</b> [1] - 50:5</p> <p><b>tabulates</b> [1] - 173:23</p> <p><b>tallest</b> [1] - 201:3</p> <p><b>tan</b> [8] - 32:19, 33:7, 33:11, 35:18, 35:19, 35:20, 37:14, 44:9</p> <p><b>tan-ish</b> [1] - 35:20</p> <p><b>task</b> [2] - 139:23, 140:7</p> <p><b>team</b> [7] - 66:20, 67:13, 92:23, 93:13, 104:22, 109:16, 183:22</p>				

<p><b>towards</b> <sup>[1]</sup> - 42:14</p> <p><b>Tower</b> <sup>[2]</sup> - 3:4, 4:18</p> <p><b>track</b> <sup>[4]</sup> - 99:22, 99:25, 174:14, 184:9</p> <p><b>tracked</b> <sup>[1]</sup> - 184:22</p> <p><b>tracks</b> <sup>[3]</sup> - 99:15, 137:10, 173:24</p> <p><b>trade</b> <sup>[1]</sup> - 77:10</p> <p><b>traditional</b> <sup>[1]</sup> - 196:19</p> <p><b>trail</b> <sup>[1]</sup> - 100:1</p> <p><b>trajectory</b> <sup>[1]</sup> - 8:24</p> <p><b>Transaction</b> <sup>[18]</sup> - 95:7, 95:12, 95:16, 95:22, 96:25, 97:4, 97:9, 97:20, 98:7, 98:12, 98:22, 99:7, 101:24, 101:25, 111:18, 112:2, 124:3, 124:16</p> <p><b>transaction</b> <sup>[19]</sup> - 28:24, 44:6, 45:12, 69:24, 70:2, 73:17, 73:21, 95:18, 95:24, 96:10, 96:15, 99:1, 102:4, 113:18, 124:6, 124:10, 145:22, 159:25, 183:17</p> <p><b>transactional</b> <sup>[30]</sup> - 18:14, 18:15, 72:1, 72:6, 73:14, 92:14, 102:22, 103:5, 104:19, 104:23, 105:6, 106:6, 106:20, 106:22, 107:6, 107:16, 108:2, 108:11, 109:21, 112:16, 112:21, 113:1, 113:10, 115:18, 124:6, 124:19, 182:23, 183:3</p> <p><b>transactions</b> <sup>[21]</sup> - 67:23, 73:10, 73:23, 75:21, 77:15, 77:24, 78:17, 96:14, 97:6, 97:24, 98:2, 98:7, 106:21, 108:18, 109:7, 112:1, 113:21, 114:2, 114:4, 124:24, 143:20</p> <p><b>Transactions</b> <sup>[16]</sup> - 97:14, 100:12, 100:13, 101:20, 102:2, 102:7, 102:9, 102:18, 111:24, 114:3, 115:4, 115:5, 115:6, 115:8, 115:20, 115:24</p>	<p><b>transcript</b> <sup>[7]</sup> - 6:19, 119:4, 172:13, 191:12, 192:18, 192:19, 204:4</p> <p><b>transcripts</b> <sup>[1]</sup> - 79:2</p> <p><b>transmitting</b> <sup>[1]</sup> - 70:7</p> <p><b>transparency</b> <sup>[2]</sup> - 79:23, 80:1</p> <p><b>travel</b> <sup>[5]</sup> - 128:18, 128:20, 128:21, 128:24, 140:21</p> <p><b>treat</b> <sup>[1]</sup> - 8:11</p> <p><b>treatment</b> <sup>[1]</sup> - 175:13</p> <p><b>trend</b> <sup>[1]</sup> - 160:7</p> <p><b>trended</b> <sup>[1]</sup> - 133:25</p> <p><b>trends</b> <sup>[1]</sup> - 161:18</p> <p><b>trial</b> <sup>[3]</sup> - 106:3, 155:20, 197:7</p> <p><b>Trial</b> <sup>[1]</sup> - 203:4</p> <p><b>TRIAL</b> <sup>[1]</sup> - 1:16</p> <p><b>trouble</b> <sup>[2]</sup> - 10:21, 105:14</p> <p><b>true</b> <sup>[17]</sup> - 71:16, 86:23, 94:1, 98:14, 111:5, 142:4, 144:6, 144:20, 146:10, 148:21, 148:25, 156:17, 161:2, 161:5, 166:1, 183:16, 183:21</p> <p><b>truly</b> <sup>[2]</sup> - 115:11, 115:12</p> <p><b>truthful</b> <sup>[1]</sup> - 173:12</p> <p><b>try</b> <sup>[7]</sup> - 19:24, 26:10, 97:20, 113:7, 119:5, 138:24, 181:5</p> <p><b>trying</b> <sup>[10]</sup> - 9:8, 10:17, 18:6, 20:2, 20:4, 26:11, 26:13, 63:12, 91:21, 184:22</p> <p><b>turn</b> <sup>[25]</sup> - 17:21, 24:11, 25:4, 25:15, 29:21, 33:14, 35:6, 36:4, 37:22, 41:24, 43:7, 43:25, 55:13, 56:24, 85:4, 87:8, 103:9, 107:23, 118:6, 118:7, 118:18, 119:20, 123:1, 141:6, 196:5</p> <p><b>turned</b> <sup>[1]</sup> - 91:7</p> <p><b>turning</b> <sup>[1]</sup> - 26:1</p> <p><b>Twelfth</b> <sup>[3]</sup> - 4:13, 4:15, 5:5</p> <p><b>twice</b> <sup>[2]</sup> - 81:24, 171:13</p> <p><b>two</b> <sup>[47]</sup> - 21:24, 22:2, 25:17, 26:5, 42:24, 43:2, 50:10, 50:13, 50:23, 52:16, 61:18,</p>	<p>61:25, 62:7, 62:8, 63:13, 63:24, 93:4, 93:10, 101:4, 113:17, 113:19, 115:16, 116:2, 123:10, 131:22, 134:22, 135:2, 135:4, 135:10, 135:18, 137:1, 138:2, 138:20, 144:22, 160:19, 160:20, 160:21, 161:12, 171:4, 171:8, 180:22, 199:8, 199:15, 199:18, 201:12</p> <p><b>two-thirds</b> <sup>[3]</sup> - 160:19, 160:20, 160:21</p> <p><b>two-year</b> <sup>[1]</sup> - 42:24</p> <p><b>type</b> <sup>[2]</sup> - 64:13, 151:7</p> <p><b>Typically</b> <sup>[1]</sup> - 55:3</p> <p><b>typically</b> <sup>[1]</sup> - 50:4</p>	<p>38:13, 38:15, 39:16, 40:9, 41:2, 41:4, 41:21, 42:11, 43:16, 45:7, 45:20, 47:4, 47:12, 49:14, 49:20, 50:1, 50:20, 50:22, 51:4, 51:23, 52:3, 52:20, 56:19, 57:2, 57:25, 58:17, 58:19, 59:2, 59:9, 60:4, 74:8, 74:15, 85:24, 88:23, 88:25, 89:2, 99:1, 99:11, 100:18, 104:9, 104:11, 104:13, 108:12, 109:13, 109:23, 110:7, 110:12, 111:19, 112:21, 113:3, 113:11, 115:18, 129:24, 133:24, 134:16, 134:18, 168:11, 169:11, 169:14, 179:3, 188:17, 189:9, 190:23, 192:23, 193:6, 193:7, 193:9, 193:15, 195:6, 197:4, 197:18, 197:21</p> <p><b>Unless</b> <sup>[1]</sup> - 86:2</p> <p><b>unlicensed</b> <sup>[1]</sup> - 69:15</p> <p><b>unpersuasive</b> <sup>[2]</sup> - 123:9, 123:17</p> <p><b>unrelated</b> <sup>[2]</sup> - 121:11, 121:17</p> <p><b>unreliable</b> <sup>[2]</sup> - 123:8, 123:17</p> <p><b>unsolicited</b> <sup>[1]</sup> - 98:14</p> <p><b>up</b> <sup>[88]</sup> - 8:4, 8:5, 8:12, 9:18, 9:19, 9:25, 10:18, 11:9, 12:4, 13:2, 19:9, 19:21, 22:9, 23:15, 24:4, 30:20, 30:21, 36:11, 36:12, 42:22, 59:12, 59:19, 60:5, 62:7, 72:15, 74:12, 74:17, 77:2, 79:13, 81:23, 82:4, 83:6, 85:6, 87:14, 88:20, 89:6, 93:23, 97:6, 99:6, 100:12, 101:15, 103:13, 104:24, 107:4, 109:20, 112:19, 113:22, 113:24, 116:20, 120:24, 122:1, 127:16, 136:9, 147:3, 148:5,</p>	<p>150:21, 154:5, 156:3, 156:24, 157:11, 157:21, 157:22, 158:16, 159:4, 159:11, 161:15, 168:20, 172:14, 172:21, 175:19, 176:5, 176:17, 178:13, 179:20, 180:3, 181:13, 185:17, 187:12, 188:1, 191:16, 194:6, 196:8, 197:23, 198:7, 198:11, 199:7, 199:9</p> <p><b>upper</b> <sup>[5]</sup> - 14:20, 51:12, 52:17, 56:3, 56:21</p> <p><b>uptick</b> <sup>[1]</sup> - 88:2</p> <p><b>usage</b> <sup>[2]</sup> - 174:24, 175:4</p> <p><b>useful</b> <sup>[2]</sup> - 139:25, 154:8</p>
<b>U</b>				
<p><b>U.S</b> <sup>[2]</sup> - 51:5, 57:24</p> <p><b>under</b> <sup>[5]</sup> - 47:17, 48:6, 60:5, 66:12, 182:13</p> <p><b>under-supply</b> <sup>[1]</sup> - 66:12</p> <p><b>underlying</b> <sup>[6]</sup> - 62:5, 118:24, 119:4, 120:18, 121:1, 121:7</p> <p><b>understood</b> <sup>[2]</sup> - 67:20, 94:18</p> <p><b>uniquely</b> <sup>[1]</sup> - 28:1</p> <p><b>unit</b> <sup>[8]</sup> - 17:13, 49:23, 50:3, 50:4, 53:2, 99:2, 177:3, 177:6</p> <p><b>UNITED</b> <sup>[2]</sup> - 1:1, 1:17</p> <p><b>United</b> <sup>[9]</sup> - 7:2, 49:13, 68:7, 72:24, 93:3, 99:16, 130:7, 173:22, 174:3</p> <p><b>units</b> <sup>[114]</sup> - 13:15, 13:16, 13:18, 13:21, 13:22, 13:25, 14:7, 14:9, 16:18, 16:25, 17:8, 17:25, 18:24, 19:13, 21:1, 21:3, 21:5, 21:6, 21:7, 21:13, 21:18, 21:20, 21:21, 24:6, 24:8, 24:16, 25:3, 27:1, 27:6, 27:8, 28:15, 32:7, 33:25, 34:19, 36:12, 36:24, 37:1, 37:3, 37:7, 38:7,</p>				
<b>V</b>				
<p><b>V.A</b> <sup>[33]</sup> - 166:15, 166:17, 166:20, 166:23, 166:24, 167:5, 167:7, 167:9, 167:12, 167:15, 167:20, 168:2, 168:7, 168:10, 169:14, 170:11, 170:22, 177:24, 178:3, 178:9, 179:16, 179:22, 179:24, 180:1, 180:18, 180:24, 181:2, 181:7, 182:2, 182:5, 182:6, 182:10, 182:18</p> <p><b>VA</b> <sup>[1]</sup> - 126:18</p> <p><b>vacate</b> <sup>[3]</sup> - 117:22, 120:25, 121:3</p> <p><b>vacated</b> <sup>[2]</sup> - 116:10, 118:25</p> <p><b>vacating</b> <sup>[1]</sup> - 117:22</p> <p><b>valid</b> <sup>[1]</sup> - 183:9</p> <p><b>valuable</b> <sup>[1]</sup> - 152:12</p> <p><b>values</b> <sup>[2]</sup> - 103:22, 201:10</p> <p><b>variation</b> <sup>[1]</sup> - 176:6</p> <p><b>variations</b> <sup>[1]</sup> - 175:12</p> <p><b>various</b> <sup>[6]</sup> - 91:8, 95:20, 124:20, 130:23, 136:8, 150:12</p> <p><b>vast</b> <sup>[2]</sup> - 102:2,</p>				

<p>102:17  <b>Ventura</b> [1] - 3:18  <b>verify</b> [1] - 80:6  <b>version</b> [2] - 91:22, 194:7  <b>versus</b> [4] - 72:11, 75:18, 162:14, 163:16  <b>vertical</b> [5] - 42:3, 56:7, 56:8, 199:16, 201:2  <b>vertically</b> [2] - 52:10, 55:17  <b>Veterans</b> [3] - 171:1, 171:24, 173:6  <b>view</b> [4] - 101:4, 111:3, 151:24, 152:6  <b>viewing</b> [2] - 149:9, 152:18  <b>Virginia</b> [54] - 4:18, 7:3, 30:7, 33:22, 34:18, 38:3, 38:4, 39:2, 40:23, 42:7, 48:2, 52:25, 53:5, 53:15, 53:19, 56:24, 58:1, 58:18, 59:11, 59:13, 59:14, 59:23, 60:1, 92:22, 124:8, 126:10, 127:8, 127:20, 127:21, 129:23, 130:8, 131:20, 140:14, 140:16, 147:16, 163:4, 163:9, 174:23, 175:5, 175:7, 175:14, 176:23, 177:7, 177:12, 177:16, 183:5, 191:20, 191:22, 191:24, 192:5, 200:2, 200:3, 200:10  <b>VIRGINIA</b> [2] - 1:1, 1:18  <b>Virtually</b> [3] - 71:15, 71:19, 73:18  <b>virtually</b> [12] - 45:17, 72:15, 76:24, 78:5, 78:11, 102:7, 144:11, 167:5, 167:6, 167:12, 167:16, 168:18  <b>visually</b> [1] - 153:22  <b>voice</b> [2] - 78:8, 105:17  <b>volume</b> [7] - 26:15, 60:21, 95:7, 146:24, 154:19, 156:23, 185:24  <b>VOLUME</b> [1] - 1:16</p>	<p><b>volumes</b> [1] - 192:11  <b>voluntarily</b> [1] - 118:12  <b>vs</b> [1] - 204:6</p> <p style="text-align: center;"><b>W</b></p> <p><b>wait</b> [2] - 62:18, 88:20  <b>WAKEFIELD</b> [1] - 5:13  <b>walk</b> [19] - 13:15, 14:2, 18:10, 20:25, 21:9, 22:2, 22:19, 24:12, 26:21, 28:21, 31:25, 35:7, 46:16, 47:7, 48:10, 50:19, 51:19, 59:3, 59:24  <b>walked</b> [6] - 11:4, 55:19, 56:17, 58:13, 75:16, 95:21  <b>walking</b> [1] - 48:12  <b>wants</b> [1] - 138:10  <b>Washington</b> [6] - 2:11, 4:7, 4:14, 4:16, 5:5, 5:12  <b>wave</b> [1] - 67:6  <b>Wayne</b> [1] - 162:21  <b>ways</b> [1] - 123:7  <b>WEBB</b> [1] - 3:11  <b>Webb</b> [1] - 3:12  <b>website</b> [8] - 80:17, 82:21, 112:12, 126:22, 127:2, 127:4, 151:1, 151:11  <b>websites</b> [2] - 150:13, 150:16  <b>week</b> [1] - 174:23  <b>weekly</b> [3] - 70:6, 70:10, 71:7  <b>weeks</b> [6] - 48:11, 61:18, 149:12, 149:20, 170:17, 171:8  <b>weight</b> [1] - 21:19  <b>welcome</b> [2] - 178:23, 187:11  <b>WEST</b> [2] - 1:1, 1:18  <b>West</b> [53] - 7:3, 30:7, 33:22, 34:18, 38:3, 38:4, 39:2, 40:23, 42:7, 48:1, 52:24, 53:5, 53:15, 53:19, 56:24, 58:1, 58:18, 59:11, 59:13, 59:14, 59:23, 60:1, 92:22, 124:8, 126:10, 127:8, 127:19, 127:21, 129:23, 130:7, 131:19, 140:13, 140:16, 147:15, 163:4,</p>	<p>163:9, 174:23, 175:5, 175:7, 175:13, 176:22, 177:7, 177:12, 177:16, 183:5, 191:20, 191:22, 191:24, 192:5, 200:2, 200:3, 200:10  <b>Westside</b> [1] - 32:5  <b>whole</b> [2] - 53:16, 83:8  <b>wholesale</b> [2] - 100:5, 100:17  <b>WICHT</b> [1] - 4:12  <b>Williams</b> [2] - 4:13, 5:4  <b>Williamson</b> [1] - 200:2  <b>window</b> [3] - 62:15, 160:16, 160:24  <b>wit</b> [1] - 177:20  <b>witness</b> [27] - 8:10, 8:11, 8:22, 8:23, 9:1, 10:25, 11:6, 12:18, 61:1, 61:7, 61:16, 63:1, 89:24, 101:9, 106:21, 116:22, 117:21, 118:14, 132:15, 137:8, 137:10, 137:18, 138:11, 142:13, 190:14, 198:18, 202:18  <b>WITNESS</b> [24] - 12:20, 12:23, 63:18, 63:23, 64:10, 64:12, 64:17, 84:9, 84:15, 86:18, 90:1, 90:7, 101:13, 116:24, 118:23, 119:10, 119:12, 119:17, 135:12, 140:4, 154:10, 178:22, 180:10, 190:20  <b>witness's</b> [1] - 120:2  <b>witnesses</b> [2] - 10:10, 11:20  <b>WOELFEL</b> [1] - 3:9  <b>Woelfel</b> [2] - 3:9  <b>word</b> [1] - 7:9  <b>words</b> [3] - 72:14, 95:9, 168:19  <b>world</b> [1] - 80:20  <b>write</b> [7] - 12:10, 129:10, 129:14, 135:22, 154:15, 164:10, 179:24  <b>writing</b> [2] - 156:5, 176:5  <b>written</b> [6] - 134:7, 134:8, 135:25, 136:17, 136:21,</p>	<p>179:25  <b>wrote</b> [5] - 118:5, 119:3, 136:23, 137:2, 157:11  <b>WU</b> [1] - 5:10  <b>WV</b> [6] - 2:8, 3:10, 3:13, 4:19, 5:15, 6:9  <b>Wyoming</b> [1] - 52:5</p> <p style="text-align: center;"><b>Y</b></p> <p><b>year</b> [47] - 17:11, 17:12, 29:1, 34:5, 34:7, 36:21, 37:3, 38:16, 42:19, 42:20, 42:24, 46:19, 47:8, 47:11, 51:23, 52:2, 52:14, 53:9, 53:10, 53:12, 53:16, 53:18, 53:20, 55:22, 55:24, 56:20, 59:5, 59:15, 60:1, 69:19, 79:15, 87:13, 87:20, 129:24, 134:1, 160:16, 174:7, 174:9, 184:7, 196:24, 196:25  <b>years</b> [20] - 17:10, 36:23, 42:17, 46:11, 47:15, 52:15, 55:25, 58:22, 71:5, 71:23, 78:25, 87:22, 87:24, 100:25, 144:17, 144:20, 184:4, 184:11, 184:12, 197:2  <b>yellow</b> [2] - 22:11, 40:7  <b>yesterday</b> [39] - 8:2, 13:1, 13:7, 16:17, 17:4, 17:5, 17:7, 18:23, 20:2, 32:18, 32:21, 71:25, 72:14, 94:19, 95:5, 101:4, 103:16, 111:8, 111:10, 113:14, 114:7, 114:22, 126:20, 130:1, 130:11, 136:9, 144:3, 144:11, 157:19, 161:1, 180:4, 186:21, 188:2, 190:6, 190:11, 190:21, 190:25, 191:13, 193:12  <b>Yesterday</b> [1] - 192:9  <b>York</b> [2] - 3:5, 122:13  <b>yourself</b> [1] - 150:13</p>	<p style="text-align: center;"><b>Z</b></p> <p><b>zero</b> [1] - 155:1  <b>zeros</b> [1] - 50:15  <b>zip</b> [17] - 81:14, 81:18, 81:19, 81:22, 81:23, 82:5, 140:18, 146:20, 147:22, 161:12, 161:20, 161:23, 162:11, 162:18, 162:20, 163:15, 165:5  <b>Zoom</b> [1] - 172:20</p>
---	---	--	---	--